

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97

Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

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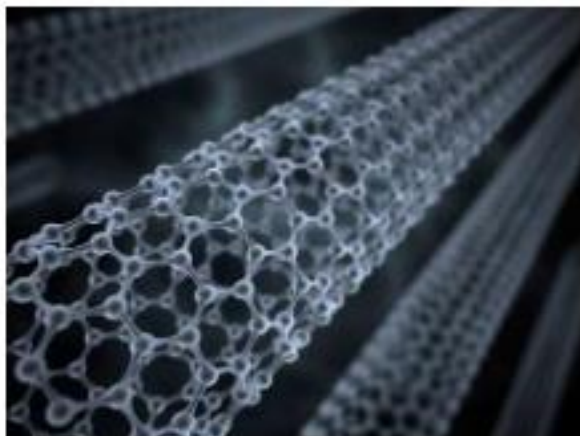
Киргизия +996(312)96-26-47

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Технические характеристики на углеродные наноматериалы, светоизлучающие материалы для органических светодиодов, OLED и PLED материалы, подложки и сборные электронные компоненты компании **Sigma-Aldrich**

Виды товаров: углеродные красители лазерные, красители инфракрасные, красители ближние инфракрасные, красители хемилюминесцентные, красители фотохромные, наноматериалы термохромные, фталоцианиновые и порфириновые красители, фотолюминесцентные материалы, нелинейно-оптические материалы, волноводные материалы, фуллерены, углеродные нанотрубки, графен, наноалмазы, углеродные квантовые точки, другие углеродные наноматериалы, органические нелинейно-оптические материалы, волноводные материалы, БИК-красители и др.

Carbon Nanomaterials



Carbon nanomaterials are an extensive family of carbon allotropes, consisting of 0-dimensional fullerenes and quantum dots, 1-dimensional carbon nanotubes (CNTs), 2-dimensional graphene, and 3-dimensional nanodiamonds and nanohorns. Carbon nanomaterials are used in a broad range of applications due to their unique physical and chemical properties. Explore our comprehensive portfolio of innovative carbon nanomaterials to empower your scientific breakthroughs. For more information on nanostructured materials, please refer to our **nanomaterial tutorial**.

- **Fullerenes**
- **Carbon Nanotubes**
- **Graphene**
- **Nanodiamonds**
- **Carbon-Based Quantum Dots**
- **Other Carbon Nanomaterials**

FULLERENES

Fullerenes are also called Buckyballs. We offer a large variety of fullerenes from C₆₀ to C₇₀, C₇₆, C₇₈ and C₈₄, either in their pristine form or with functional groups that assist in their dispersion and processing. Fullerenes find application in lightweight composites, catalyst supports, bioscience, and alternative energy applications. The scalability of our fullerene products allows you to easily bring your product ideas into reality.

CARBON NANOTUBES

Carbon nanotubes can be classified according to their number of concentric walls as single-walled nanotubes (SWCNTs), double-walled nanotubes (DWCNTs), or multi-walled nanotubes (MWCNTs). The diameter and helical angle of single-walled carbon nanotubes (SWCNTs) have a dramatic effect on their electronic properties, causing some nanotubes to behave as metallic conductors and others as direct band gap semiconductors. Our chirality-specific SWCNTs are optimal for fabrication of high-performance electronics based on field-effect transistors. Our drawable multi-walled carbon nanotube (MWCNT) arrays facilitate easy processing of pure MWCNT into useful macroscopic forms, such as films and fibers, without the need of destructive post-treatments that typically damage the structure and property of pristine CNTs or compromise their performance in the end applications. Due to CNT's high aspect ratio, electric conductivity, outstanding thermal conductivity and

strong mechanical properties, they support cutting-edge applications in flexible transparent conducting screens, bioelectronics, artificial muscles, fiber electronics and smart textiles.

GRAPHENE

Graphene is one of the most promising carbon nanomaterials. Graphene has an atomically thin single-layer structure, high surface area, and robust mechanical and electrochemical properties. It has been the focus of research for electronics, energy, lightweight composites, and biomedical applications. Researchers have demonstrated that two graphene layers placed on top of each other can conduct electrons with no resistance if they are twisted at an effective "magic angle", or become an insulator completely, to switch device property enormously. Our collection of graphene, graphene nanoribbons, and graphene oxide-based materials are available in various forms, to enable easy incorporation into all of your applications.

NANODIAMONDS

Our fluorescent nanodiamonds are highly stable bioimaging tools with low toxicity, high biological compatibility, and infinite photostability. The absence of photoblinking, long fluorescence lifetime (>10 ns), and ease of biofunctionalization help you achieve success in your research endeavors.

CARBON-BASED QUANTUM DOTS

Discover our nontoxic carbon quantum dots and graphene quantum dots with good solubility, stable photoluminescence, and better surface grafting, thus making them promising candidates for replacing inorganic quantum dots.

OTHER CARBON NANOMATERIALS

We also offer other carbon nanomaterials such as carbon nanohorns (CNHs) and carbon nanofibers (CNFs). Our remarkable CNHs offer high surface area, high electrical and thermal conductivities, as well as good solution processability, combined with large-scale production capability. CNHs are a viable option for catalyst support, gas storage, energy storage, drug delivery, and phototherapy.

Our CNFs are discontinuous, highly graphitic, highly compatible with most polymer processing techniques, and can be dispersed in an isotropic or anisotropic mode. They are cost-effective materials with excellent mechanical properties, high electrical conductivity, and high thermal conductivity, which can be imparted to a wide range of matrices including thermoplastics, thermosets, elastomers, ceramics, and metals. CNFs also have a unique surface state, which facilitates functionalization and other surface modification techniques to tailor/engineer the nanofiber to the application.

802832

4-(1',5'-Dihydro-1'-methyl-2'H-[5,6]fullereno-C₆₀-1h-[1,9-c]pyrrol-2'-yl)benzoic acid



708283

5-Fluoro-2,3-thiophenedicarboxaldehyde

97%



482994

[5,6]-Fullerene-C70

98%



709476

[5,6]-Fullerene-C70

sublimed, $\geq 99\%$ (HPLC)



900526

Boron-doped graphene

avg. no. of layers, 1 - 5



900535

Boron/Nitrogen co-doped graphene

avg. no. of layers, 1 - 5



709085

C₆₀ Pyrrolidine tris-acid

97%



709093

C₆₀ Pyrrolidine tris-acid ethyl ester

97% (HPLC)



TEM-CF300HCU50

Carbon Film Supported Copper Hexagonal Mesh Grid

size 300 mesh, box of 50



TEM-CF100HCU50

Carbon Film Supported Copper Hexagonal Mesh Grid

size 100 mesh, box of 50



TEM-CF400HCU

Carbon Film Supported Copper Hexagonal Mesh Grid

size 400 mesh, box of 25



TEM-CF400HCU50

Carbon Film Supported Copper Hexagonal Mesh Grid

size 400 mesh, box of 50



TEM-CF200HCU

Carbon Film Supported Copper Hexagonal Mesh Grid

size 200 mesh, box of 25



TEM-CFGA100CU

Carbon Film Supported Copper Single Hole Grid

hole size 100 μm , box of 25



TEM-CF300CU

Carbon Film Supported Copper Square Mesh

size 300 mesh, box of 25



TEM-CFT300CU

Carbon Film Supported Copper Thin Bar Square Mesh Grid

size 300 mesh, box of 25



TEM-CFT400CU

Carbon Film Supported Copper Thin Bar Square Mesh Grid

size 400 mesh, box of 25



719811

Carbon nanofibers

pyrolytically stripped, platelets(conical), >98% carbon basis, D \times L 100 nm \times 20-200 μm



719781

Carbon nanofibers

graphitized (iron-free), composed of conical platelets, D \times L 100 nm \times 20-200 μm



719803

Carbon nanofibers

graphitized, platelets(conical), >98% carbon basis, D \times L 100 nm \times 20-200 μm

804118

Carbon nanohorns, as-grown



804126

Carbon nanohorns, oxidized

avg. no. of layers, 1



901051

Carbon nanotube array, multi-walled

vertically aligned on Si substrate, H 0.5 mm



901046

Carbon nanotube array, multi-walled, drawable

vertically aligned on Si substrate



901082

Carbon nanotube sheet

aligned, size \times thickness 100 mm \times 100 mm \times 1-5 μm



901056

Carbon nanotube sheet

aligned, size × thickness 50 mm × 50 mm × 1-5 μm



637351

Carbon nanotube, double-walled

50-80% carbon basis, O.D. × I.D. × L 5 nm × 1.3-2.0 nm × 50 μm



900788

Carbon nanotube, few-walled

carbon ≥95 %, D × L 2.5-3 nm × 2-6 μm



755133

Carbon nanotube, multi-walled

thin, <5% Metal Oxide(TGA)



406074

Carbon nanotube, multi-walled

powdered cylinder cores, 20-30% MWCNT basis, O.D. × L 7-12 nm × 0.5-10 μm, avg. no. of layers, 5 - 20



412988

Carbon nanotube, multi-walled

as-produced cathode deposit, >7.5% MWCNT basis, O.D. × L 7-15 nm × 0.5-10 μm, avg. no. of layers, 5 - 20



698849

Carbon nanotube, multi-walled

>98% carbon basis, O.D. × L 6-13 nm × 2.5-20 μm



659258

Carbon nanotube, multi-walled

>90% carbon basis, D × L 110-170 nm × 5-9 μm



901019

Carbon nanotube, multi-walled

50-90 nm diameter, >95% carbon basis



901002

Carbon nanotube, multi-walled

flake of bundled CNTs, >95% carbon basis, O.D. × L 10-40 nm × 0.5-1.5 mm



724777

Carbon nanotube, single-walled

≥90% carbon basis (≥80% as carbon nanotubes), 1-2 nm diameter, avg. no. of layers, 1



698695

Carbon nanotube, single-walled

>70 wt. % carbon basis, D × L 2-10 nm × 1-5 μm , bundle dimensions, avg. no. of layers, 1



704113

Carbon nanotube, single-walled

≥90% carbon basis (≥70% as carbon nanotubes), 0.7-1.3 nm diameter



704121

Carbon nanotube, single-walled

(7,6) chirality, ≥90% carbon basis (≥77% as carbon nanotubes), 0.83 nm average diameter, avg. no. of layers, 1



750492

Carbon nanotube, single-walled

<3.5% Metal Catalyst, avg. no. of layers, 1

775533

Carbon nanotube, single-walled

≥95% carbon basis (≥99% as carbon nanotubes), 0.84 nm average diameter, avg. no. of layers, 1



773735

Carbon nanotube, single-walled

(6,5) chirality, ≥95% carbon basis (≥95% as carbon nanotubes), 0.78 nm average diameter



750522

Carbon nanotube, single-walled

98% (Semiconducting), avg. no. of layers, 1



750530

Carbon nanotube, single-walled

98% (Metallic), avg. no. of layers, 1



755710

Carbon nanotube, single-walled

>70% (TGA), avg. no. of layers, 1



900711

Carbon nanotube, single-walled

≥98% carbon basis, avg. no. of layers, 1



901634

Carbon nanotube, single-walled

Low metal content, avg. no. of layers, 1



805033

Carbon nanotube, single-walled

carbon $\geq 80\%$, diam. 1.2-2.0 nm, avg. no. of layers, 1



791504

Carbon nanotube, single-walled, conductive aqueous ink

0.9-1.1 g/L (SWCNT concentration by Absorbance at 854 nm), avg. no. of layers, 1



791490

Carbon nanotube, single-walled, conductive aqueous ink, SWCNT 0.2 mg/mL

avg. no. of layers, 1



792462

Carbon nanotube, single-walled, solvent-based conductive ink, SWCNT

1 mg/mL



910406

Carboxylated reduced graphene oxide



TEM-LC300CUCC

Continuous Ultrathin Carbon Film Coated Lacey Carbon Supported Copper Grid

size 300 mesh, box of 5



TEM-LC200CUCC

Continuous Ultrathin Carbon Film Coated Lacey Carbon Supported Copper Grid

size 200 mesh, box of 5



TEM-LC400AUCC25

Continuous Ultrathin Carbon Film Coated Lacey Carbon Supported Gold Grid

size 400 mesh, box of 25



GRTRANSFER10

Easy transfer monolayer Graphene

L × W 1 cm × 1 cm, avg. no. of layers, 1



GRTRANSFER25

Easy transfer monolayer Graphene

L × W 1 in. × 1 in., avg. no. of layers, 1



TEM-FCF100CU

Formvar/Carbon Supported Copper Grids

size 100 mesh, box of 25



TEM-FCF150CU

Formvar/Carbon Supported Copper Grids

size 150 mesh, box of 25



572497

Fullerene soot
(as produced)

572500

Fullerene-C₆₀
sublimed, 99.9%



483036

Fullerene-C₆₀
98%



379646

Fullerene-C₆₀
99.5%



482951

Fullerene-C₇₆
98%



900561

Graphene
powder, electrical conductivity $>10^3$ S/m, avg. no. of layers, < 3



900552

Graphene
silane modified, avg. no. of layers, 1 - 5



900551

Graphene
amine functionalized, avg. no. of layers, 1 - 5



900450

Graphene dispersion
1 mg/mL in DMF, sheet resistance 4.8 k Ω /sq, avg. no. of layers, 1 - 3



900448

Graphene dispersion
 ≥ 0.2 mg/mL in DMF, sheet resistance 2 k Ω /sq, avg. no. of layers, 1 - 3



900695

Graphene ink
for inkjet printing, photonicallly annealable



796115

Graphene ink

for gravure printing, with ethyl cellulose in terpineol, gravure printable



900960

Graphene ink for spin/spray coating photonically annealable

for spin-coating, spray-coating, photonic annealing



808288

Graphene ink in water

inkjet printable



808261

Graphene ink in water

screen printable



805556

Graphene ink in water

flexo/gravure/screen printable



900411

Graphene nanoplatelets

25 μm particle size



900412

Graphene nanoplatelets

5 μm particle size



806625

Graphene nanoplatelets

powder, polycarboxylate functionalized, hydrophilic



900413

Graphene nanoplatelets

25 μm particle size



900439

Graphene nanoplatelets

<2 μm particle size

900407

Graphene nanoplatelets

<2 μm particle size



900410

Graphene nanoplatelets

15 μm particle size



922714

Graphene nanoribbon



922676

Graphene nanoribbon

oxidatively splitted from CNT



921556

Graphene oxide

organic solvent dispersible



763705

Graphene oxide

2 mg/mL, dispersion in H₂O, avg. no. of layers, 1



777676

Graphene oxide

4 mg/mL, dispersion in H₂O, avg. no. of layers, 1



798991

Graphene oxide

film, avg. no. of layers, 1



794341

Graphene oxide

15-20 sheets, 4-10% edge-oxidized, 1 mg/mL, dispersion in H₂O, avg. no. of layers, 15 - 20



796034

Graphene oxide

powder, 15-20 sheets, 4-10% edge-oxidized, avg. no. of layers, 15 - 20



900704

Graphene oxide

paste, non-exfoliated



795542

Graphene oxide carboxylic acid enriched

2 mg/mL, dispersion in H₂O



931896

Graphene oxide dispersion in ElectroGreen® NMP substitute for electronics (type 2, bio-sourced)



918032

Graphene oxide for bioconjugation

6-arm PEG amine functionalized



795534

Graphene oxide nanocolloids

2 mg/mL, dispersion in H₂O



791520

Graphene oxide, ammonia functionalized

1 mg/mL, dispersion in H₂O



900452

Graphene paper

size 11.5 in. × 23.5 in., thickness 240 μm



900712

Graphene quantum dots

aqua green luminescent, 1 mg/mL in H₂O



900713

Graphene quantum dots

aqua green luminescent, powder



900560

Graphene quantum dots

>0.005% in H₂O

900713

Graphene quantum dots

aqua green luminescent, powder



900442

Graphene/PEDOT:PSS hybrid ink

dispersion in DMF, avg. no. of layers, 1 - 3



907154

Graphite anode powder



902926

Graphite dispersion

multi-layers (8-30 layers), avg. no. of layers, 8 - 30



902942

Graphite dispersion

few-layers (3-15 graphene layers), 1.0mg/mL in acetone-water, avg. no. of layers, 3 - 15



TEM-HC300CUCC

Holey Carbon/Continuous Ultrathin carbon film Supported Copper Grids

size 300 mesh, box of 25 ×



TEM-LC400CU100

Lacey Carbon Supported Copper Grids

size 400 mesh, size 100 nm , hole size, box of 25 ×



TEM-LC300CU100

Lacey Carbon Supported Copper Grids

size 300 mesh, size 100 nm , hole size, box of 25 ×



TEM-LC400AU

Lacey Carbon Supported Gold Grids

size 400 mesh, size 50 nm , hole size, box of 5 ×



TEM-LC200AU25

Lacey Carbon Supported Gold Grids

size 200 mesh, size 50 nm , hole size, box of 25 ×



773719

Monolayer graphene film

1 cm x 1 cm on quartz, avg. no. of layers, 1



773700

Monolayer graphene film

1 cm x 1 cm on SiO₂/Si substrate, avg. no. of layers, 1



799009

Monolayer graphene film

1 in x 1 in on copper foil, avg. no. of layers, 1



900415

Monolayer graphene film

10 cm x 10 cm on copper foil, avg. no. of layers, 1



900445

Monolayer graphene film

1 in x 1 in on copper foil, with PMMA coating, avg. no. of layers, 1



900443

Monolayer graphene film

1 cm x 1 cm on copper foil, with PMMA coating, avg. no. of layers, 1



920959

Monolayer Graphene on Si/SiO₂ wafer

diam. 100 mm (4 in.)



920967

Monolayer hexagonal Boron Nitride (hBN) on copper foil

size 3 in. (3 in.) × 76 mm (76 mm)



928054

Multiwalled carbon nanotubes

functionalized powder, L/D ~ 1000, ≥99.9 wt. % MWCNT basis



900527

Nitrogen-doped graphene

avg. no. of layers, 1 - 5

900531

Nitrogen/Phosphorus co-doped graphene

avg. no. of layers, 1 - 5



900530

Nitrogen/Sulfur co-doped graphene

avg. no. of layers, 1 - 5



TEM-7596407

OMNI Probe Copper 3-Post Lift-Out Grid

pack of 100 (per vial)



900529

Phosphorus-doped graphene

avg. no. of layers, 1 - 5



803693

Pt/graphene nanocomposite

10 mg/mL, dispersion in acetone



920088

R2R Monolayer large grain CVD graphene on copper foil

A5 size, avg. no. of layers, 1



920053

R2R Monolayer large grain CVD graphene on copper foil

A3 size, avg. no. of layers, 1



920126

R2R Monolayer large grain CVD graphene on silicon wafer

4 in diameter, avg. no. of layers, 1



920134

R2R Monolayer large grain CVD graphene on silicon wafer

avg. no. of layers, 1, 6 in diameter



920061

R2R Monolayer small grain CVD graphene on copper foil

A3 size, avg. no. of layers, 1



920096

R2R Monolayer small grain CVD graphene on copper foil

A5 size



920118

R2R Monolayer small grain CVD graphene on silicon wafer

4 in diameter, avg. no. of layers, 1



777684

Reduced graphene oxide



806579

Reduced graphene oxide

tetraethylene pentamine functionalized



933740

Silicon carbide

nanopowder, ≥99% trace metals basis, 18 nm avg. part. size



932566

Sodium Terephthalate Composite

high-capacity anode for sodium ion batteries



909130

Sulfonated reduced graphene oxide

sodium salt



900528

Sulfur-doped graphene

avg. no. of layers, 1 - 5



TEM-CF300HCUUL

Ultrathin Carbon Film Supported Copper Hexagonal Mesh Grid

size 300 mesh, box of 50



TEM-CF200HCUUL

Ultrathin Carbon Film Supported Copper Hexagonal Mesh Grid
size 200 mesh, box of 50

TEM-CF400CUUL

Ultrathin Carbon Film Supported Copper Square Mesh
size 400 mesh, box of 50



TEM-CFT400CUUL

Ultrathin Carbon Film Supported Copper Thin Bar Square Mesh Grid
size 400 mesh, box of 50



TEM-CF300AUUL

Ultrathin Carbon Film Supported Gold Square Mesh
size 300 mesh, box of 50



TEM-CF400AUUL

Ultrathin Carbon Film Supported Gold Square Mesh
size 400 mesh, box of 50



TEM-FCF100CUUA

Ultrathin Formvar/Carbon Supported Copper Square Mesh
size 100 mesh, box of 50



TEM-LC400CUUL

Ultrathin Lacey Carbon Supported Copper Grid
size 400 mesh, box of 25



TEM-LC200AUUL

Ultrathin Lacey Carbon Supported Gold Grid
size 200 mesh, box of 25



TEM-LC300AUUL

Ultrathin Lacey Carbon Supported Gold Grid
size 300 mesh, box of 25

Photonic & Optical Materials



Photonics is a technology which uses photons from radiant energy (such as visible light or infrared beams) to transmit data, instead of electrons. Compared to traditional electronics, photonics has numerous advantages for information- and image-processing technologies, including larger bandwidths, quicker response rates, and less noise from extraneous electromagnetic fields. The nonlinear optical (NLO) process plays an essential role in photonic applications due to its ability to change the properties of light, such as frequency, phase, amplitude, or transmission characteristics when the light passes through an NLO-active medium.

Among our photonic and optical materials, we offer a wide range of dyes (laser, infrared (IR), chemiluminescent, phthalocyanine/porphyrin, photochromic and thermochromic), as well as non-linear optical (NLO), photoluminescent and refractive index (RI) control materials. Light up your light-management and display technology research with our comprehensive portfolio of products:

- **Organic Nonlinear Optical (NLO) Materials**
- **Waveguide Materials**
- **NIR Dyes**

ORGANIC NONLINEAR OPTICAL (NLO) MATERIALS

We offer a wide range of organic NLO materials, including chromophors, intermediates, NLO monomers and NLO polymers, with superior speed of response, high optical clarity, and better magnitude of their third-order susceptibility. For a material to exhibit NLO activity it should be non-centrosymmetric. In polymer-based NLO materials, the NLO chromophore can be incorporated into a polymer matrix, either as a guest (in a host-guest-system), or as an integral component covalently grafted to polymer chain, or even co-polymerized into the polymer backbone itself. Our covalent-bonded NLO polymers can markedly improve the stability of NLO chromophors in your applications.

WAVEGUIDE MATERIALS

Refractive Index (RI) is of critical importance for applications such as optical waveguides, LCD displays, anti-reflective coatings, and ophthalmic devices. Polymer-based low- and

high-refractive index materials are easier to process, lightweight, and insensitive to mechanical stress in comparison to their inorganic counterparts. We offer a comprehensive range of high-refractive polymers based on aromatic and brominated aromatic monomers, as well as low-refractive polymers based on fluorinated monomers.

NIR DYES

Our near-infrared (NIR) emitting dyes TokeOni and seMpai are ideal for non-invasive deep tissue bioimaging in small animals. They produce near-infrared emissions peaking at 677 nm, which can penetrate most animal tissues and bodies, and allow much higher sensitivity, compared to D-luciferin in the conventional firefly luciferase (Fluc)/ D-luciferin system.

Compared to D-luciferin, TokeOni and seMpai feature:

- Higher water solubilities
- Longer wavelength light emissions
- Ability to pass through blood-brain barrier
- 5.2-fold signal increase
- High chemical stability
- Low toxicity
- 558850
- **[(S)-(-)-1-(4-Nitrophenyl)-2-pyrrolidinemethyl]acrylate**
- 97%



273619

1',3'-Dihydro-1',3',3'-trimethyl-6-nitrospiro[2H-1-benzopyran-2,2'-(2H)-indole]

98%



797316

1-{4-[1,2-Diphenyl-2-(p-tolyl)vinyl]phenyl}-1H-pyrrole-2,5-dione



392197

1,1'-Diethyl-2,2'-dicarbocyanine iodide

97%



D91535

1,1'-Diethyl-4,4'-carbocyanine iodide

96%



252034

1,1',3,3,3',3'-Hexamethylindotricarbocyanine iodide

97%



A4926

1,2-Bis(2-Aminophenoxy)ethane-N,N,N',N'-tetraacetic acid

98%



322547

1,3-Dihydro-1,3,3-trimethylspiro[2H-indole-2,3'-[3H]naphth[2,1-b][1,4]oxazine]

≥98.0% (HPLC)



793728

1,3,5,7-Tetramethyl-8-phenyl-4,4-difluoroboradiazaindacene

97%



570362

2-(9H-Carbazol-9-yl)ethyl acrylate

97%



E12206

2-Ethylanthraquinone

≥97%



108235

2-tert-Butylanthraquinone

98%



257605

2,3,7,8,12,13,17,18-Octaethyl-21H,23H-porphine cobalt(II)



257540

2,3,7,8,12,13,17,18-Octaethyl-21H,23H-porphine copper(II)

Dye content ~95 %



257532

2,3,7,8,12,13,17,18-Octaethyl-21H,23H-porphine iron(III) chloride



257575

2,3,7,8,12,13,17,18-Octaethyl-21H,23H-porphine manganese(III) chloride

97%



269948

2,3,7,8,12,13,17,18-Octaethyl-21H,23H-porphine nickel(II)

97%



258423

2,3,7,8,12,13,17,18-Octaethyl-21H,23H-porphine zinc(II)

97%



D210404

2,5-Diphenyloxazole

99%, suitable for scintillation



320684

3,3'-Diethyloxacarbocyanine iodide

98%

173738

3,3'-Diethylthiacarbocyanine iodide

Dye content 95 %



173754

3,3'-Diethylthiadibocarbocyanine iodide

Dye content 98 %



338966

3,8-Diamino-6-phenylphenanthridine

98%



394211

4-[4-(Dimethylamino)styryl]pyridine

95%



410497

4-(Dicyanomethylene)-2-methyl-6-(4-dimethylaminostyryl)-4H-pyran

Dye content 98 %



797359

4,4'-(1,2-Diphenylethene-1,2-diyl)dibenzoic acid



289426

4,4'-Dipyridyl

98%



379077

4,4',4'',4'''-(Porphine-5,10,15,20-tetrayl)tetrakis(benzoic acid)

Dye content 75 %



275727

5-Methoxypsoralen

99%

275867

5,10,15,20-Tetrakis(4-methoxyphenyl)-21H,23H-porphine cobalt(II)

303038

5,10,15,20-Tetrakis(4-methoxyphenyl)-21H,23H-porphine iron(III) chloride

252913

5,10,15,20-Tetrakis(pentafluorophenyl)-21H,23H-porphyrin iron(III) chloride

≥95% (HPLC)

252921

5,10,15,20-Tetrakis(pentafluorophenyl)porphyrin

≥90.0% (HPLC)

252190

5,10,15,20-Tetraphenyl-21H,23H-porphine cobalt(II)

Dye content 85 %

252182

5,10,15,20-Tetraphenyl-21H,23H-porphine copper(II)

259071

5,10,15,20-Tetraphenyl-21H,23H-porphine iron(III) chloride

≥94% (HPLC)

254754

5,10,15,20-Tetraphenyl-21H,23H-porphine manganese(III) chloride

95%

252204

5,10,15,20-Tetraphenyl-21H,23H-porphine nickel(II)

dye content ≥95 %

283649

5,10,15,20-Tetraphenyl-21H,23H-porphine vanadium(IV) oxide

252166

5,10,15,20-Tetraphenyl-21*H*,23*H*-porphine zinc

388513

5,8-Dihydroxy-1,4-naphthoquinone

technical grade



566217

7-[4-(Trifluoromethyl)coumarin]acrylamide

98%



D87759

7-Diethylamino-4-methylcoumarin

99%



550795

8-Hydroxyquinoline copper(II) salt

98%



275034

9,10-Phenanthrenequinone

95%



418269

Aluminum 1,8,15,22-tetrakis(phenylthio)-29*H*,31*H*-phthalocyanine chloride

Dye content 90 %



271845

Benzyl viologen dichloride

97%



386618

Copper(II) 1,4,8,11,15,18,22,25-octabutoxy-29*H*,31*H*-phthalocyanine

Dye content 95 %



459712

Copper(II) 2,3,9,10,16,17,23,24-octakis(octyloxy)-29*H*,31*H*-phthalocyanine

Dye content 95 %



310204

Copper(II) 4,4',4'',4'''-tetraaza-29*H*,31*H*-phthalocyanine



747106

Difluoro{2-[(3,5-dimethyl-2*H*-pyrrol-2-ylidene-*N*)methyl]-3,5-dimethyl-1*H*-pyrrolato-*N*}boron

99% (HPLC)



790389

Difluoro{2-[1-(3,5-dimethyl-2H-pyrrol-2-ylidene-N)ethyl]-3,5-dimethyl-1H-pyrrolato-N}boron

99% (HPLC)



746169

Difluoro(4-(1,1-dimethylethyl)-2-{1-[4-(1,1-dimethylethyl)-3,5-dimethyl-2H-pyrrol-2-ylidene-N]ethyl}-3,5-dimethyl-1H-pyrrol-2-ylidene-N]ethyl)-3,5-dimethyl-1H-pyrrolato-N}boron

98% (HPLC)



E24905

Ethyl 4-(dimethylamino)benzoate

≥99%



570249

Fluorescein O,O'-dimethacrylate

95%



405175

IR-1048

Dye content 97 %



405124

IR-1061

Dye content 80 %



260932

IR-140

Dye content 95 %



544914

IR-775 chloride

Dye content ~90 %



425311

IR-780 iodide

Dye content ≥95 %

543292

IR-783

Dye content 90 %



425982

IR-792 perchlorate

Dye content 99 %



642339

IR-797 chloride

Dye content 70 %



543349

IR-806

Dye content 90 %



543365

IR-820

Dye content 80 %



123072

Luminol

97%



453161

Manganese(III) 5,10,15,20-tetra(4-pyridyl)-21H,23H-porphine chloride tetrakis(methochloride)

Dye content 85 %



856177

Methyl viologen dichloride hydrate

98%



418854

Nickel(II) 5,9,14,18,23,27,32,36-octabutoxy-2,3-naphthalocyanine

Dye content 98 %



591947

Poly(pentafluorostyrene)



258385

Protoporphyrin IX disodium salt

≥90% (HPLC)



902268

seMpai



465577

Silicon 2,9,16,23-tetra-tert-butyl-29H,31H-phthalocyanine dihydroxide

Dye content 80 %



808350

TokeOni



336408

***trans*-4-[4-(Dimethylamino)styryl]-1-methylpyridinium iodide**

Dye content 98 %



416282

Tris-(8-hydroxyquinoline)aluminum

98% trace metals basis



444529

Zinc 1,2,3,4,8,9,10,11,15,16,17,18,22,23,24,25-hexadecafluoro-29H,31H-phthalocyanine

Dye content 90 %



383813

Zinc 1,4,8,11,15,18,22,25-octabutoxy-29H,31H-phthalocyanine

OLED & PLED Materials



The organic light-emitting diode (OLED) is a high-performance optoelectronic device consisting of charge transport and emissive organic layers. Upon applied voltage, the dual carrier injection system of the OLED supplies both electrons and holes to the electroluminescent material between two electrodes, resulting in its characteristic electroluminescent light with specific color and device performance, depending on the organic materials employed in the device.

The two main classes of OLEDs include small-molecule based light emitting diodes and polymer-based light emitting diodes (PLEDs). A typical double-heterostructure small-molecule OLED consists of three organic layers sandwiched between electrodes. The organic layers adjacent to the cathode and anode are the electron transport layer (ETL) and the hole transport layer (HTL), respectively. The emissive layer (EML) usually consists of light-emitting dyes or dopants dispersed in a suitable host material (often HTL or ETL material). PLEDs have relatively simple architectures, with the light-emitting polymer (LEP) layer combining host, emitter and charge transport functions in a single solution-processed layer of the device.

We offer a series of high purity, state-of-art OLED materials, including sublimed small molecule light emitter and dopants, light emitting polymers, phosphorescent and fluorescent host materials, inorganic and sublimed organic electron transport (hole blocking) materials, hole injection & hole transport materials, thermally activated delayed fluorescent (TADF) dopants, and photosensitizing materials.

We also offer a selection of inorganic (Au, ITO, LiF) materials and substrates commonly used as substrates and electrodes in constructing OLED and PLED devices. Our innovative LEPs comprise the major chemical classes, including poly(phenylene vinylene) (PPV) and polyfluorene (PFO) polymers.

792071

Spiro-MeOTAD

99% (HPLC)



702471

PTAA

a poly(triaryl amine) semiconductor



P14831

Phenothiazine

≥98%



428329

Polyaniline (emeraldine salt)

average $M_w > 15,000$, powder (Infusible), 3-100 μm particle size



140910

Bathocuproine

96%



699152

Bathocuproine

sublimed grade, 99.99% trace metals basis



133159

Bathophenanthroline

97%



906980

PFN-Br



157635

7,7,8,8-Tetracyanoquinodimethane

98%



806781

TPBi



901101

TFB



376779

2,3,5,6-Tetrafluoro-7,7,8,8-tetracyanoquinodimethane

97%



907065

Poly-TPD

$M_w \geq 20,000$ g/mol



P13207

Phenazine

98%



444561

Tris-(8-hydroxyquinoline)aluminum

99.995% trace metals basis



88580

Phenothiazine

purum, ≥98.0% (GC)



156507

9,10-Phenanthrenequinone

≥99%



790907

TmPyPB

98% (HPLC)



556696

N,N'-Di(1-naphthyl)-N,N'-diphenyl-(1,1'-biphenyl)-4,4'-diamine

sublimed grade, 99%



697737

Tris-(8-hydroxyquinoline)aluminum

sublimed grade, 99.995% trace metals basis

443263

N,N'-Bis(3-methylphenyl)-N,N'-diphenylbenzidine

99%



902500

SHT-263 Solarpur®



660124

4,4'-Bis(N-carbazolyl)-1,1'-biphenyl

97%



900958

B3PYMPM

sublimed



764957

Dipyrazino[2,3-f:2',3'-h]quinoxaline-2,3,6,7,10,11-hexacarbonitrile

95% (HPLC)



701874

1,3-Bis(N-carbazolyl)benzene

97%



916021

SHT-263S Solarpur®



932310

Lithium fluoride



923214

Poly(9,9-dioctylfluorenyl-2,7-diyl)

M_w 50,000-150,000 by GPC



699195

4,4'-Bis(N-carbazolyl)-1,1'-biphenyl

sublimed grade, 99.9% trace metals basis



932671

4,7-Diphenyl-1,10-phenanthroline



J1001

Julolidine

97%



805459

DPEPO



776327

4,4',4''-Tris[phenyl(*m*-tolyl)amino]triphenylamine

98.0%



556394

Tris[4-(diethylamino)phenyl]amine

99%



932353

PTCDI



461946

Poly(2-vinylnaphthalene)

average M_w ~175,000



900928

Liq

sublimed



932329

DMAC-TRZ

≥99% (HPLC)



538965

Tris(dibenzoylmethane) mono(1,10-phenanthroline)europium(III)

95%

900966

PFN-DOF

$M_w > 10,000$



525936

Poly(thiophene-2,5-diyl), bromine terminated
powder



932159

t-DABNA

≥99% (HPLC)



907073

PO-T2T, ≥99% (HPLC)



900940

DMAC-DPS

sublimed



527629

Poly(copper phthalocyanine)

Dye content 60 %



734594

***N,N'*-Di(1-naphthyl)-*N,N'*-diphenyl-(1,1'-biphenyl)-4,4'-diamine**

96%



932434

TcTa

≥99% (HPLC)



901102

PPT

sublimed



932663

2,9-Dimethyl-4,7-diphenyl-1,10-phenanthroline

≥99% (HPLC)



659894

Poly[5-methoxy-2-(3-sulfopropoxy)-1,4-phenylenevinylene] potassium salt solution

0.25 wt. % in H₂O



933678

Y6(BTPPT-4F)



932264

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(6,6'-{2,2'-bipyridine})]

M_w ≥10,000 Da by GPC



932442

4,4'-Bis(carbazol-9-yl)biphenyl

≥99% (HPLC)



932523

Di-[4-(N,N-di-p-tolyl-amino)-phenyl]cyclohexane

≥97% (HPLC)



925764

Tris(4-carbazoyl-9-ylphenyl)amine

≥97%



634484

Quinacridonequinone



901444

TSPO1



900953

3TPYMB

sublimed



932744

Tris[2-(p-tolyl)pyridine]iridium(III)

≥99% (HPLC)

913758

Phen-NaDPO



932116

9-(Naphthalen-1-yl)-10-(naphthalen-2-yl)anthracene

≥99% (HPLC)



538973

Tris(dibenzoylmethane) mono(5-amino-1,10-phenanthroline)europium (III)



932507

N,N'-Bis(naphthalen-1-yl)-N,N'-bis(phenyl)-2,2'-dimethylbenzidine

≥99% (HPLC)



932345

B4PYMPM

≥99% (HPLC)



932450

Rubrene

≥99% (HPLC)



910937

di-phenylethylammonium lead(II) tetraiodide

n = 1



923222

Poly(9,9-dioctylfluorenyl-2,7-diyl) end capped with dimethylphenyl

M_w 50,000-150,000 by GPC



932124

SF3-TRZ

≥99% (HPLC)



900977

SPPO13



932019

9,9-Bis[4-[(4-ethenylphenyl)methoxy]phenyl]-N²,N⁷-di-1-naphthalenyl-N²,N⁷-diphenyl-9H-Fluorene-2,7-diamine

≥98% (HPLC)



805416

5H-Pyrido[3,2-b]indole



910961

di-n-butylammonium lead(II) tetraiodide

n = 1



922501

TXO-TPA

≥99% (HPLC)

932094

TCzTrz

≥99% (HPLC)

932361

1,3,5-Tri[(3-pyridyl)-phen-3-yl]benzene

≥99% (HPLC)

906395

EH44

≥99% (HPLC)

932051

2,6-Bis(3-(9H-carbazol-9-yl)phenyl)pyridine

≥99% (HPLC)

932248

Poly[(9,9-dioctyl-2,7-divinylfluorenylene)-alt-{2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylene}]

910945

di-phenylethylammonium lead(II) tetrabromide

n = 1

901342

PPF

932132

2PXZ-OXD

≥99% (HPLC)

904899

Spiro[9H-fluorene-9,9'-[9H]xanthene]-2,7-diamine

932698

N4,N4,N4',N4'-Tetra[(1,1'-biphenyl)-4-yl]-(1,1'-biphenyl)-4,4'-diamine

≥99% (HPLC)

685720

3-(Biphenyl-4-yl)-5-(4-tert-butylphenyl)-4-phenyl-4H-1,2,4-triazole

97%



906018

Spiro[9H-fluorene-9,9'-[9H]xanthene]-2,2',7,7'-tetramine



541451

Poly(1-vinylnaphthalene)

average M_w ~30,000, powder



925721

9-(1-Naphthalenyl)-10-(4-(2-naphthalenyl)phenyl)anthracene

≥97%



663239

1,3,5-Tris[(3-methylphenyl)phenylamino]benzene

97%



932027

9,10-Dihydro-9,9-dimethyl-10-(9-phenyl-9H-carbazol-3-yl)-acridine

≥99% (HPLC)



932078

10-Phenyl-10H,10'H-spiro[acridine-9,9'-anthracen]-10'-one

≥99% (HPLC)



922404

N^4,N^4 -Bis(4-(6-((3-ethyloxetan-3-yl)methoxy)hexyl)phenyl)- N^4,N^4 -diphenylbiphenyl-4,4'-diamine

≥97% (HPLC)



932140

PXZ-DPS

≥97% (HPLC)



932272

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(2,5-p-xylene)]



932736

4,4',4''-Tris(N-(naphthalen-2-yl)-N-phenyl-amino)-triphenylamine

≥99% (HPLC)



931020

9,9'-(4,4'-Sulfonylbis(4,1-phenylene))bis(3,6-dimethoxy-9H-carbazole)

≥97% (HPLC)

☐

931977

N4,N4-Di(biphenyl-4-yl)-N4'-(naphthalen-1-yl)-N4'-phenyl-biphenyl-4,4'-diamine

≥99% (HPLC)

☐

932469

4,4',4''-Tris(N-(naphthalen-2-yl)-N-phenyl-amino)-triphenylamine

☐

913502

Si-OMeTPA

98%

☐

922978

TpOx-n-Bu

641227

Poly(2,5-di(3',7'-dimethyloctyl)phenylene-1,4-ethynylene)

Substrates & Prefab Electronic Components



Our substrates and prefabricated electronic components aim to greatly reduce your processing time for either characterizing your newly developed semiconductor materials or constructing an effective FET-based sensor to detect chemical/biological analytes. Just add your choice of a semiconducting layer.

- Quickly build your field-effect transistors (FETs) with our series of pre-patterned, back-gated, interdigitated electrodes. These electrodes are prefabricated on conducting silicon wafers, using standard lift-off technology and feature reliable ohmic source/drain contacts, very large channel width-to-length ratio (500 to 4000), and a variety of dielectric thicknesses and device architectures to choose from.
- Our back-gated Lateral organic field-effect transistors (LOFET) circuits further simplify your active material characterization by requiring frequency measurement of only the ring oscillators, thereby avoiding the time-consuming measurement and analysis of individual transistors.
- Test your final devices via our Miniprober, which allows for fast and easy device measurement with reliable pad contact, without the need of a probe station.
- We also offer prefabricated graphene chips in the configuration of hall bar device, 2-probe FETs, or liquid-gated 2-probe FETs, to fast-track your graphene sensor research and applications.
- For your nanodevice and nanomaterial characterization needs, select our TEM grids and supplies in various grid materials, mesh sizes, grid configurations, coating material and coating thickness, staining chemicals, and sample preparation tools.
- Our broad selection of electrochemical components features a variety of aqueous and non-aqueous reference electrodes with easy-to-handle form factors, as well as working, counter and auxiliary electrodes.

TEM-G1000HHCU

1000 Mesh Hexagonal Copper Grid

vial of 25



AFM-75009-12

12 mm Disc Gripper for AFM

- AFM-75009-15
15 mm Disc Gripper for AFM

- TEM-G1500HHCU
1500 Mesh Hexagonal Copper Grid
vial of 15

- TEM-G2000HACU
2000 Mesh Circular Mesh Copper Grid
vial of 10

- 932760
3,4,9,10-Perylenetetracarboxylic dianhydride

- 932426
4,4',4''-Tris(N-(naphthalen-2-yl)-N-phenyl-amino)-triphenylamine
≥99% (HPLC)

- 935026
AC1 (2mm Graphite Working; Silver Reference)

- 935050
AC1 Screen Printed Electrodes
20 units (2mm Gold Working; Gold Counter; Silver/Silver Chloride Reference)

- 934941
Adapter for Thin Film Flexible Polyimide Electrodes

- 933430
AFM Disc
disc diam. 12 mm

- 933422
AFM Disc
disc diam. 10 mm

- 933457
AFM Disc
disc diam. 20 mm

- 933449
AFM Disc
disc diam. 15 mm



932981

AFM Disc Gripper

disc diam. 20 mm



933538

AFM Disc Gripper

disc diam. 12 mm



933511

AFM Disc Gripper

disc diam. 10 mm



BASMF2056

Ag/AgCl (3M KCl) Reference Electrode



BASMF2052

Ag/AgCl (3M NaCl) Reference Electrode



TEM-AUFT313-05

Au-Flat R 1.2/1.3

Gold Grids, size 300 mesh, pack of 5

FIPMS176

Back-gated OFET Substrate

n-doped silicon wafer with 230 nm SiO₂ gate-insulator, chips (diced)



TEM-3755

Bottom perforated petri dish for live cell fluorescence imaging



TEM-CF313-50

C-flat Holey Carbon Grids (CF-1.2/1.3) for TEM

Copper Grids, size 300 mesh, pack of 50



TEM-CF313-25

C-flat Holey Carbon Grids (CF-1.2/1.3) for TEM

Copper Grids, size 300 mesh, pack of 25



935018

Carbon Fiber Microelectrode

diam. 11 μm , (8 – 13 μm)



TEM-CF200F1CU

Carbon Film Supported Copper Grids F1 Grids

size 200 mesh, box of 25



TEM-CF200F2-CU-TH

Carbon Film Supported Copper Gilder Finder F2 Grids

Thick, size 200 mesh, box of 50



TEM-CF200F2CU

Carbon Film Supported Copper Gilder Finder F2 Grids

size 200 mesh, box of 25



TEM-CF150CU50

Carbon Film Supported Copper Grid

Standard Thickness, size 150 mesh, box of 50



TEM-CF100HCU

Carbon Film Supported Copper Hexagonal Mesh Grid

size 100 mesh, box of 25



TEM-CF100HCU50

Carbon Film Supported Copper Hexagonal Mesh Grid

size 100 mesh, box of 50



TEM-CF300HCU50

Carbon Film Supported Copper Hexagonal Mesh Grid

size 300 mesh, box of 50



TEM-CF200HCU

Carbon Film Supported Copper Hexagonal Mesh Grid

size 200 mesh, box of 25



TEM-CFLF135CU

Carbon Film Supported Copper London Finder LF135 Grids

box of 25



TEM-CFGA100CU

Carbon Film Supported Copper Single Hole Grid

hole size 100 μ m, box of 25



TEM-CF200CU

Carbon Film Supported Copper Square Mesh

size 200 mesh, box of 25



TEM-CF300CU

Carbon Film Supported Copper Square Mesh

size 300 mesh, box of 25



TEM-CF400CU

Carbon Film Supported Copper Square Mesh

size 400 mesh, box of 25



TEM-CF150-CU-TH

Carbon Film Supported Copper Square Mesh

Thick, size 150 mesh, box of 50



TEM-CF150-CU-ET

Carbon Film Supported Copper Square Mesh

Extra Thick, size 150 mesh, box of 50

TEM-CF200-CU-ET

Carbon Film Supported Copper Square Mesh

Extra Thick, size 200 mesh, box of 50



TEM-CF200-CU-TH

Carbon Film Supported Copper Square Mesh

Thick, size 200 mesh, box of 50



TEM-CF300-CU-TH

Carbon Film Supported Copper Square Mesh

Thick, size 300 mesh, box of 50



TEM-CF400-CU-TH

Carbon Film Supported Copper Square Mesh

Thick, size 400 mesh, box of 50



TEM-CF300-CU-ET

Carbon Film Supported Copper Square Mesh

Extra Thick, size 300 mesh, box of 50



TEM-CF400-CU-ET

Carbon Film Supported Copper Square Mesh

Extra Thick, size 400 mesh, box of 50



TEM-CFT200CU

Carbon Film Supported Copper Thin Bar Square Mesh Grid

size 200 mesh, box of 25



TEM-CFT300CU

Carbon Film Supported Copper Thin Bar Square Mesh Grid

size 300 mesh, box of 25



TEM-CFT400CU

Carbon Film Supported Copper Thin Bar Square Mesh Grid

size 400 mesh, box of 25



TEM-7435703

Carbon Film Supported Copper Tomography Grid R14C2

pack of 25 ×



TEM-CF200F1-AU-25

Carbon Film Supported Gold Gilder Finder F1 Grids

size 200 mesh, box of 25



TEM-CF200F1-AU-TH

Carbon Film Supported Gold Gilder Finder F1 Grids

Thick, size 200 mesh, box of 50



TEM-CFLF135-AU-25

Carbon Film Supported Gold London Finder LF135 Grids

box of 25



TEM-CF200-AU-TH

Carbon Film Supported Gold Square Mesh

Thick, size 200 mesh, box of 50



TEM-CF400-AU-ET

Carbon Film Supported Gold Square Mesh

Extra Thick, size 400 mesh, box of 50



TEM-CF200AU

Carbon Film Supported Gold Square Mesh

size 200 mesh, box of 25



TEM-LC400CUCC

Continuous Ultrathin Carbon Film Coated Lacey Carbon Supported Copper Grid



TEM-LC300CUCC

Continuous Ultrathin Carbon Film Coated Lacey Carbon Supported Copper Grid

size 300 mesh, box of 5



TEM-LC200CUCC

Continuous Ultrathin Carbon Film Coated Lacey Carbon Supported Copper Grid

size 200 mesh, box of 5



TEM-LC300AUCC

Continuous Ultrathin Carbon Film Coated Lacey Carbon Supported Gold Grid

size 300 mesh, box of 5

TEM-LC200AUCC

Continuous Ultrathin Carbon Film Coated Lacey Carbon Supported Gold Grid

size 200 mesh, box of 5



TEM-LC200-AUCC25

Continuous Ultrathin Carbon Film Coated Lacey Carbon Supported Gold Grid

size 200 mesh, box of 25



TEM-74357

Copper Tomography Grid R14C2

pack of 50 ×



TEM-71166-10

Cryo Grid Box

round, w/lid



TEM-71166-40

Cryo Grid Box

w/Pin Type Lid for FEI Vitrobot



TEM-76043-23

Cryo-SiN TEM Windows

10 nm Thick, window size 9



TEM-76043-21

Cryo-SiN TEM Windows

20 nm Thick, window size 9



TEM-71165-50

Cryogenic Grid Box Handling Tool



933392

Diamond Glass Cutter



933384

Diamond Tip

Retractable Scriber



935069

Electrochemical printed electrodes starter kit

pkg of 20



934933

Electrode

Thin Film Flexible Polyimide, Concentric, Center grounded



934887

Electrode

Flat circle 1cm²



934879

Electrode

Flat square 1cm²



934895

Electrode

Flat large square 4cm²



934925

Electrode

Thin Film Flexible Polyimide, Circle



934917

Electrode

Thin Film Flexible Polyimide, Concentric, Outer grounded



934909

Electrode

Flat Concentric 1cm²



BASMF2060

Electrode Polishing Kit, PK-4



933058

EMS SMD Precision Tweezer Kit

SS

933465

ESD Epoxy Coated Tweezers

Style 2A, Stainless Steel



933236

FIB holder

Single 1/2" FIB Sample and Grid Holder, Pin



933228

FIB holder

Small FIB Grid Holder, size 12.7 mm, Pin



933244

FIB holder

Double 1/2" FIB Sample and Grid Holder, Pin



933252

FIB holder

Multiple FIB Grid Holder



933260

FIB holder

1" FIB Sample and Grid Holder, Pin



TEM-FF150CU

Formvar Supported Copper Square Mesh

size 150 mesh, box of 25



TEM-FF300CU

Formvar Supported Copper Square Mesh

size 300 mesh, box of 25



TEM-FF300CU50

Formvar Supported Copper Square Mesh

size 300 mesh, box of 50



TEM-FF400CU50

Formvar Supported Copper Square Mesh

size 400 mesh, box of 50



TEM-FF400CU

Formvar Supported Copper Square Mesh

size 400 mesh, box of 25



TEM-FF150CU50

Formvar Supported Copper Square Mesh

size 150 mesh, box of 50



TEM-FFT300CU25

Formvar Supported Copper Thin Bar Square Mesh

size 300 mesh, box of 25



TEM-FFT200CU25

Formvar Supported Copper Thin Bar Square Mesh

size 200 mesh, box of 25



930245

Formvar/Carbon Supported Copper Grids

grid size 200 mesh, box of 50



930261

Formvar/Carbon Supported Copper Grids

grid size 200 mesh, box of 25



930253

Formvar/Carbon Supported Copper Grids

grid size 300 mesh, box of 50



TEM-FCF150CU50

Formvar/Carbon Supported Copper Grids

size 150 mesh, box of 50 ×



TEM-FCF100CU

Formvar/Carbon Supported Copper Grids

size 100 mesh, box of 25



TEM-FCF150CU

Formvar/Carbon Supported Copper Grids

size 150 mesh, box of 25

TEM-FCF400CU

Formvar/Carbon Supported Copper Grids

size 400 mesh, box of 25



TEM-FCF100AU

Formvar/Carbon Supported Gold Grids

size 100 mesh, box of 25 ×



TEM-FCF200AU

Formvar/Carbon Supported Gold Grids

size 200 mesh, box of 25 ×



TEM-FCF150AU

Formvar/Carbon Supported Gold Grids

size 150 mesh, box of 25 ×



935271

Fully Equipped H-Cell Kit (50 ml Volume)



651486

Gallium arsenide

(single crystal substrate), <100>, diam. × thickness 2 in. × 0.5 mm



651494

Gallium phosphide

(single crystal substrate), <111>, diam. × thickness 2 in. × 0.5 mm



TEM-G300F1-AU

Gilder Finder Grids G300F1

Gold, size 300 mesh, vial of 100



TEM-G300F1-CU

Gilder Finder Grids G300F1

Copper, size 300 mesh, vial of 100



TEM-G400F1-CU

Gilder Finder Grids G400F1

Copper, size 400 mesh, vial of 100



TEM-G400F1-AU

Gilder Finder Grids G400F1

Gold, size 400 mesh, vial of 100



BASMF2012

Glassy Carbon Voltammetry Electrode



TEM-G200CU

Glider Grids Standard Copper Square Mesh

size 200 mesh, vial of 100



TEM-G200CP

Glider Grids Standard Copper/Palladium Square Mesh

size 200 mesh, vial of 100



643289

Gold coated glass cover slip

99.999% (Au), diam. × thickness 15 mm × 130-170 μm, layer thickness 100 Å



643254

Gold coated glass cover slip

99.999% (Au), L × W × thickness 22 mm × 22 mm × 130-170 μm, square, layer thickness 100 Å



643203

Gold coated glass slide

layer thickness 100 Å, 99.999% (Au)



643246

Gold coated glass slide

layer thickness 1000 Å, 99.999% (Au)



643297

Gold coated mica

layer thickness 2000 Å, 99.999% (Au)



643270

Gold coated mica

layer thickness 2000 Å, 99.999% (Au)

BASMF2014

Gold Electrode (Au) for Voltammetry



TEM-71150

Grid Storage Box

capacity, 50 (wells), pkg of 1 ea



TEM-71166-SP

Gripper Tool for Cryo Grid Boxes



TEM-HC200-AU-100

Holey Carbon Film Supported Gold Grids

size 200 mesh, hole size 100 µm, box of 25



TEM-HC400-AU-100

Holey Carbon Film Supported Gold Grids

size 400 mesh, hole size 100 µm, box of 25



TEM-HC200CU100

Holey Carbon Supported Copper Grids

size 200 mesh, size 100 nm , Hole, box of 25



917311

Indium tin oxide coated PEN

with 0% transparent Pt, L × W × thickness 9.6 cm × 9.6 cm × 125 µm, sheet resistance 5 Ω/sq



917567

Indium tin oxide coated PEN with Pt layer

60% transparency, size 9.6 cm × 9.6 cm × 125 µm, sheet resistance 5 Ω/sq



TEM-LC300CU150

Lacey Carbon Supported Copper Grids

size 300 mesh, size 150 nm , hole size, box of 25 ×



TEM-LC200CU100

Lacey Carbon Supported Copper Grids

size 200 mesh, size 100 nm , hole size, box of 25 ×



TEM-LC200CU150

Lacey Carbon Supported Copper Grids

size 200 mesh, size 150 nm , hole size, box of 25 ×



TEM-LC400CU100

Lacey Carbon Supported Copper Grids

size 400 mesh, size 100 nm , hole size, box of 25 ×



TEM-LC325CU

Lacey Carbon Supported Copper Grids

size 300 mesh, size 50 nm , hole size, box of 25 ×



TEM-LC400CU150

Lacey Carbon Supported Copper Grids

size 400 mesh, size 150 nm , hole size, box of 25 ×



TEM-LC400CU

Lacey Carbon Supported Copper Grids

size 400 mesh, size 50 nm , hole size, box of 5 ×



TEM-LC400CU25

Lacey Carbon Supported Copper Grids

size 400 mesh, size 50 nm , hole size, box of 25 ×



TEM-LC300CU100

Lacey Carbon Supported Copper Grids

size 300 mesh, size 100 nm , hole size, box of 25 ×



TEM-LC200CU

Lacey Carbon Supported Copper Grids

size 200 mesh, size 50 nm , hole size, box of 5 ×



TEM-LC200CU25

Lacey Carbon Supported Copper Grids

size 200 mesh, size 50 nm , hole size, box of 25 ×



TEM-LC305CU

Lacey Carbon Supported Copper Grids

hole size 50 nm, box of 5

TEM-LC200-AU-100

Lacey Carbon Supported Gold Grid

size 200 mesh, hole size 100 μm , Average, box of 25



TEM-LC300-AU-100

Lacey Carbon Supported Gold Grid

size 300 mesh, hole size 100 μm , Average, box of 25



TEM-LC300-AU-150

Lacey Carbon Supported Gold Grid

size 300 mesh, hole size 150 μm , Average, box of 25



TEM-LC200-AU-150

Lacey Carbon Supported Gold Grid

size 200 mesh, hole size 150 μm , Average, box of 25



TEM-LC400-AU-100

Lacey Carbon Supported Gold Grid

size 400 mesh, hole size 100 μm , Average, box of 25



TEM-LC200AU

Lacey Carbon Supported Gold Grids

size 200 mesh, size 50 nm , hole size, box of 5 ×



TEM-LC200AU25

Lacey Carbon Supported Gold Grids

size 200 mesh, size 50 nm , hole size, box of 25 ×



MP2501010

MakroPor, silicon membrane

thickness 200 μm , pore diameter 1 μm , pore size 1.5 μm (interpore distance), size 10 mm × 10 mm, pkg of 10 pieces



MP1501010

MakroPor, silicon membrane

thickness 50 μm , pore diameter 1 μm , pore size 1.5 μm (interpore distance), size 10 mm × 10 mm, pkg of 10 pieces



MP250105

MakroPor, silicon membrane

thickness 200 μm , pore diameter 1 μm , pore size 1.5 μm (interpore distance), size 10 mm × 10 mm, pkg of 5 pieces



MP54752010

MakroPor, silicon membrane

thickness 475 μm , pore diameter 5.5 μm , pore size 12 μm (interpore distance), size 20 mm × 20 mm, pkg of 10 pieces



MP84752010

MakroPor, silicon membrane

thickness 475 μm , pore diameter 8 μm , pore size 12 μm (interpore distance), size 20 mm × 20 mm, pkg of 10 pieces



MP25200201

MakroPor, silicon membrane

thickness 200 µm, pore diameter 2.5 µm, pore size 4.2 µm (interpore distance), size 20 mm × 20 mm, pkg of 10 pieces



MP150105

MakroPor, silicon membrane

thickness 50 µm, pore diameter 1 µm, pore size 1.5 µm (interpore distance), size 10 mm × 10 mm, pkg of 5 pieces



MP5350105

MakroPor, silicon membrane

thickness 350 µm, pore diameter 5.5 µm, pore size 12 µm (interpore distance), size 10 mm × 10 mm, pkg of 5 pieces



MP12001010

MakroPor, silicon membrane

thickness 50 µm, pore diameter 2.5 µm, pore size 4.2 µm (interpore distance), size 10 mm × 10 mm, pkg of 10 pieces



MP1200205

MakroPor, silicon membrane

thickness 50 µm, pore diameter 2.5 µm, pore size 4.2 µm (interpore distance), size 20 mm × 20 mm, pkg of 5 pieces



MP5475205

MakroPor, silicon membrane

thickness 475 µm, pore diameter 5.5 µm, pore size 12 µm (interpore distance), size 20 mm × 20 mm, pkg of 5 pieces



MP83501010

MakroPor, silicon membrane

thickness 350 µm, pore diameter 8 µm, pore size 12 µm (interpore distance), size 10 mm × 10 mm, pkg of 10 pieces



MP84751010

MakroPor, silicon membrane

thickness 475 µm, pore diameter 8 µm, pore size 12 µm (interpore distance), size 10 mm × 10 mm, pkg of 10 pieces

MP84751010

MakroPor, silicon membrane

thickness 475 µm, pore diameter 8 µm, pore size 12 µm (interpore distance), size 10 mm × 10 mm, pkg of 10 pieces



MP53502010

MakroPor, silicon membrane

thickness 350 µm, pore diameter 5.5 µm, pore size 12 µm (interpore distance), size 20 mm × 20 mm, pkg of 10 pieces



MP5350205

MakroPor, silicon membrane

thickness 350 μm , pore diameter 5.5 μm , pore size 12 μm (interpore distance), size 20 mm \times 20 mm, pkg of 5 pieces



MP8475105

MakroPor, silicon membrane

thickness 475 μm , pore diameter 8 μm , pore size 12 μm (interpore distance), size 10 mm \times 10 mm, pkg of 5 pieces



MP83502010

MakroPor, silicon membrane

thickness 350 μm , pore diameter 8 μm , pore size 12 μm (interpore distance), size 20 mm \times 20 mm, pkg of 10 pieces



MP25200105

MakroPor, silicon membrane

thickness 200 μm , pore diameter 2.5 μm , pore size 4.2 μm (interpore distance), size 10 mm \times 10 mm, pkg of 5 pieces



MP150201

MakroPor, silicon membrane

thickness 50 μm , pore diameter 1 μm , pore size 1.5 μm (interpore distance), size 20 mm \times 20 mm, pkg of 1 pieces



MP8350105

MakroPor, silicon membrane

thickness 350 μm , pore diameter 8 μm , pore size 12 μm (interpore distance), size 10 mm \times 10 mm, pkg of 5 pieces



MP250205

MakroPor, silicon membrane

thickness 200 μm , pore diameter 1 μm , pore size 1.5 μm (interpore distance), size 20 mm \times 20 mm, pkg of 5 pieces



MP8475205

MakroPor, silicon membrane

thickness 475 μm , pore diameter 8 μm , pore size 12 μm (interpore distance), size 20 mm \times 20 mm, pkg of 5 pieces



MP54751010

MakroPor, silicon membrane

thickness 475 μm , pore diameter 5.5 μm , pore size 12 μm (interpore distance), size 10 mm \times 10 mm, pkg of 10 pieces



MP8350205

MakroPor, silicon membrane

thickness 350 μm , pore diameter 8 μm , pore size 12 μm (interpore distance), size 20 mm \times 20 mm, pkg of 5 pieces



MP53501010

MakroPor, silicon membrane

thickness 350 μm , pore diameter 5.5 μm , pore size 12 μm (interpore distance), size 10 mm \times 10 mm, pkg of 10 pieces



MP5475105

MakroPor, silicon membrane

thickness 475 μm , pore diameter 5.5 μm , pore size 12 μm (interpore distance), size 10 mm \times 10 mm, pkg of 5 pieces



MP12002010

MakroPor, silicon membrane

thickness 50 μm , pore diameter 2.5 μm , pore size 4.2 μm (interpore distance), size 20 mm \times 20 mm, pkg of 10 pieces



TEM-76042-41

Microporous Silicon Nitride TEM Window Grids for Cryo-EM Suspension

50nm Thick, pack of 10



TEM-76042-40

Microporous Silicon Nitride TEM Window Grids for Cryo-EM Suspension

10nm Thick, pack of 10



920940

Monolayer hexagonal Boron Nitride (hBN) on Si/SiO₂ wafer

diam. 150 mm (6 in.)



920932

Monolayer hexagonal Boron Nitride (hBN) on Si/SiO₂ wafer

diam. 100 mm (4 in.)



920924

Monolayer hexagonal Boron Nitride (hBN) on Si/SiO₂ wafer

diam. 200 mm (8 in.)

930997

N₄,N₄'-Di(naphthalen-1-yl)-N₄,N₄'-bis(4-vinylphenyl)biphenyl-4,4'-diamine



BASMW1085

Non-Aqueous Reference Electrode



BASMF2062

Non-Aqueous Reference Electrode Kit



TEM-75965-01

Omni Lift-Out Grid Storage Box

pkg of 1 ea



TEM-7596408

OMNI Probe Copper 3-Post Lift-Out Grid

pack of 100 (per vial)



TEM-7596410

OMNI Probe Copper 4-Post Lift-Out Grid

pack of 100 (per vial)



929883

Platinum (Pt) Mesh Electrode

size 2.0 cm × 2.0 cm, 0.1 mm wire diameter, 99.9%



934968

Platinum Microelectrode

diam. 10 μm



934976

Platinum Microelectrode

diam. 100 μm



BASMW1032

Platinum Wire Auxiliary Electrode



932167

Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(4,4'-(N-(p-butylphenyl))diphenylamine)]



934860

Probe kit

Four-node



932000

PSCbCz



TEM-LFH15100AR1.3

QUANTIFOIL on London Finder Grids (H15)

Gold Grids, size 135 mesh, pack of 100



TEM-LFH2100AR1.3

QUANTIFOIL on London Finder Grids (H2)

Gold Grids, size 200 mesh, pack of 100



TEM-LFH7100AR1.3

QUANTIFOIL on London Finder Grids (H7)

Gold Grids, size 400 mesh, pack of 100



TEM-Q250AR1.3

QUANTIFOIL R 1.2/1.3

Gold Grids, size 200 mesh, pack of 50



TEM-Q350AR1.3

QUANTIFOIL R 1.2/1.3

Gold Grids, size 300 mesh, pack of 50



TEM-Q350AR1.3-2NM

QUANTIFOIL R 1.2/1.3 with Ultra-Thin Carbon

Gold Grids, size 300 mesh, pack of 50



BASMF2064

Replacement frit for Reference Electrodes

933414

SEM Mounting

Aluminum Standard, 15X10mm, 10/PK



933155

SEM Mounting

Alum Mount, Slotted Head, H 6 mm



933279

SEM Sample Holder

Variable Tilt Mount holder, For Pin



933341

SEM Sample Holder

SEM Pin Stub Adapter, size 10 mm



933163

SEM Sample Holder

5-Pin Configuration Holder, Pin A



933376

SEM Sample Holder

SEM Pin Stub Adapter, size 12.5 mm



933325

SEM Sample Holder

Multi Holder for 6 Pin Stubs, Hitachi, M4



933317

SEM Sample Holder

Multi Pin Stub Adapter, Jeol



933333

SEM Sample Holder

24 Place SEM Holder



933112

SEM Sample Holder

EMS Orbital Specimen Holder, Pin Mount



933120

SEM Sample Holder

Vertical for Thin Sample



933287

SEM Sample Holder

Multi Pin Holder for 8 Pin Stubs, 3.2mm (1/8")



933368

SEM Sample Holder

SEM Pin Stub Adapter, size 15 mm



933139

SEM Sample Holder

3-Pin Configuration Holder



933309

SEM Sample Holder

45° Pin Stub Holder, size 3.2 mm , (1/8") pin



933295

SEM Sample Holder

Multiple Holder for 8 Pins Hitachi, M4



933104

SEM Sample Holder

Armray Base Universal Holder



933147

SEM Sample Holder

5-Pin Configuration Holder



647764

Silicon

wafer (single side polished), <100>, P-type, contains boron as dopant, diam. × thickness 3 in. × 0.5 mm



647675

Silicon

wafer (single side polished), <100>, P-type, contains boron as dopant, diam. × thickness 2 in. × 0.5 mm

647802

Silicon

wafer (single side polished), <100>, N-type, contains phosphorus as dopant, diam. × thickness 3 in. × 0.5 mm



647705

Silicon

wafer, <111>, P-type, contains boron as dopant, diam. × thickness 2 in. × 0.3 mm



647780

Silicon

wafer (single side polished), <100>, N-type, contains phosphorus as dopant, diam. × thickness 2 in. × 0.5 mm



647772

Silicon

wafer (single side polished), <111>, P-type, contains boron as dopant, diam. × thickness 3 in. × 0.5 mm



647799

Silicon

wafer (single side polished), contains phosphorus as dopant, <111>, N-type, diam. × thickness 2 in. × 0.5 mm



SM25501010

SmartPor, alumina membrane

thickness 50 μm, pore diameter 25 nm, pore size 65 nm (interpore distance), size 10 mm × 10 mm, pkg of 10 pieces



SM2550205

SmartPor, alumina membrane

thickness 50 µm, pore diameter 25 nm, pore size 65 nm (interpore distance), size 20 mm × 20 mm, pkg of 5 pieces



SM40100205

SmartPor, alumina membrane

thickness 100 µm, pore diameter 40 nm, pore size 125 nm (interpore distance), size 20 mm × 20 mm, pkg of 5 pieces



SM6050201

SmartPor, alumina membrane

thickness 50 µm, pore diameter 60 nm, pore size 125 nm (interpore distance), size 20 mm × 20 mm, pkg of 1 pieces



SM40100201

SmartPor, alumina membrane

thickness 100 µm, pore diameter 40 nm, pore size 125 nm (interpore distance), size 20 mm × 20 mm, pkg of 1 pieces



SM251001010

SmartPor, alumina membrane

thickness 100 µm, pore diameter 25 nm, pore size 65 nm (interpore distance), size 10 mm × 10 mm, pkg of 10 pieces



SM60100105

SmartPor, alumina membrane

thickness 100 µm, pore diameter 60 nm, pore size 125 nm (interpore distance), size 10 mm × 10 mm, pkg of 5 pieces



SM7550201

SmartPor, alumina membrane

thickness 50 µm, pore diameter 75 nm, pore size 125 nm (interpore distance), size 20 mm × 20 mm, pkg of 1 pieces



SM4050205

SmartPor, alumina membrane

thickness 50 µm, pore diameter 40 nm, pore size 125 nm (interpore distance), size 20 mm × 20 mm, pkg of 5 pieces



SM60100205

SmartPor, alumina membrane

thickness 100 µm, pore diameter 60 nm, pore size 125 nm (interpore distance), size 20 mm × 20 mm, pkg of 5 pieces



SM4050201

SmartPor, alumina membrane

thickness 50 µm, pore diameter 40 nm, pore size 125 nm (interpore distance), size 20 mm × 20 mm, pkg of 1 pieces



SM60100201

SmartPor, alumina membrane

thickness 100 µm, pore diameter 60 nm, pore size 125 nm (interpore distance), size 20 mm × 20 mm, pkg of 1 pieces



SM401001010

SmartPor, alumina membrane

thickness 100 µm, pore diameter 40 nm, pore size 125 nm (interpore distance), size 10 mm × 10 mm, pkg of 10 pieces



SM75100201

SmartPor, alumina membrane

thickness 100 µm, pore diameter 75 nm, pore size 125 nm (interpore distance), size 20 mm × 20 mm, pkg of 1 pieces



SM601001010

SmartPor, alumina membrane

thickness 100 µm, pore diameter 60 nm, pore size 125 nm (interpore distance), size 10 mm × 10 mm, pkg of 10 pieces

SM6050105

SmartPor, alumina membrane

thickness 50 µm, pore diameter 60 nm, pore size 125 nm (interpore distance), size 10 mm × 10 mm, pkg of 5 pieces



SM75100105

SmartPor, alumina membrane

thickness 100 µm, pore diameter 75 nm, pore size 125 nm (interpore distance), size 10 mm × 10 mm, pkg of 5 pieces



SM75501010

SmartPor, alumina membrane

thickness 50 µm, pore diameter 75 nm, pore size 125 nm (interpore distance), size 10 mm × 10 mm, pkg of 10 pieces



SM2550205

SmartPor, alumina membrane

thickness 50 µm, pore diameter 25 nm, pore size 65 nm (interpore distance), size 20 mm × 20 mm, pkg of 5 pieces



SM75100201

SmartPor, alumina membrane

thickness 100 µm, pore diameter 75 nm, pore size 125 nm (interpore distance), size 20 mm × 20 mm, pkg of 1 pieces



SM601001010

SmartPor, alumina membrane

thickness 100 µm, pore diameter 60 nm, pore size 125 nm (interpore distance), size 10 mm × 10 mm, pkg of 10 pieces



SM7550205

SmartPor, alumina membrane

thickness 50 μm , pore diameter 75 nm, pore size 125 nm (interpore distance), size 20 mm \times 20 mm, pkg of 5 pieces



SM4050105

SmartPor, alumina membrane

thickness 50 μm , pore diameter 40 nm, pore size 125 nm (interpore distance), size 10 mm \times 10 mm, pkg of 5 pieces



SM60501010

SmartPor, alumina membrane

thickness 50 μm , pore diameter 60 nm, pore size 125 nm (interpore distance), size 10 mm \times 10 mm, pkg of 10 pieces



SM751001010

SmartPor, alumina membrane

thickness 100 μm , pore diameter 75 nm, pore size 125 nm (interpore distance), size 10 mm \times 10 mm, pkg of 10 pieces



SM25100205

SmartPor, alumina membrane

thickness 100 μm , pore diameter 25 nm, pore size 65 nm (interpore distance), size 20 mm \times 20 mm, pkg of 5 pieces



SM25501010

SmartPor, alumina membrane

thickness 50 μm , pore diameter 25 nm, pore size 65 nm (interpore distance), size 10 mm \times 10 mm, pkg of 10 pieces



932566

Sodium Terephthalate Composite

high-capacity anode for sodium ion batteries



929875

Standard Electrochemical Cell kit

100 mL cell



931187

Straight-Tip PVDF Tweezer with Carbon Tip



933023

Surface Mount Tweezers

Style 100



932906

Tweezer

EMS 4 WF



932884

Tweezer

EMS 7 SA/Dr



932965

Tweezer

Style SM103, Stainless Steel, Epoxy Coated



932914

Tweezer

EMS 4WFC Pr

932922

Tweezer

EMS 96



932825

Tweezer

High Precision, Style 5, Locking, bent tip



932914

Tweezer

EMS 4WFC Pr



932949

Tweezer

High Precision, Style 1, Locking



932876

Tweezer

EMS 2A SA/Dr



932817

Tweezer Kit

Reverse Action, Stainless



932868

Tweezers

Style AA, ESD Rubber Coated Boley



933066

Tweezers

Style 3F



933406

Tweezers Protection Box



932957

Tweezers Set

EMS DLC



TEM-HC400-CU-UL

Ultra-Thin Holey Carbon Film Supported Copper Grids

size 400 mesh, box of 25



TEM-HC200-CU-UL

Ultra-Thin Holey Carbon Film Supported Copper Grids

size 200 mesh, box of 25



TEM-HC300-CU-UL

Ultra-Thin Holey Carbon Film Supported Copper Grids

size 300 mesh, box of 25



TEM-HC200-AU-UL

Ultra-Thin Holey Carbon Film Supported Gold Grids

size 200 mesh, box of 25



TEM-HC400-AU-UL

Ultra-Thin Holey Carbon Film Supported Gold Grids

size 400 mesh, box of 25



TEM-HC300-AU-UL

Ultra-Thin Holey Carbon Film Supported Gold Grids

size 300 mesh, box of 25



TEM-CF200F1-CU-UL

Ultral-Thin Carbon Film Supported Copper Gilder Finder F1 Grids

size 200 mesh, box of 50



TEM-CF200F1-AU-UL

Ultral-Thin Carbon Film Supported Gold Gilder Finder F1 Grids

size 200 mesh, box of 50



TEM-FF100-AU-UL

Ultral-Thin Formvar Supported Gold Square Mesh

size 100 mesh, box of 50



TEM-CFLF135CUUL

Ultrathin Carbon Film Supported Copper London Finder LF135 Grids

box of 50

TEM-CF150CUUL

Ultrathin Carbon Film Supported Copper Square Mesh

size 150 mesh, box of 50



TEM-CF300CUUL

Ultrathin Carbon Film Supported Copper Square Mesh

size 300 mesh, box of 50



TEM-CF400CUUL

Ultrathin Carbon Film Supported Copper Square Mesh

size 400 mesh, box of 50



TEM-CFT300CUUL

Ultrathin Carbon Film Supported Copper Thin Bar Square Mesh Grid

size 300 mesh, box of 50



TEM-CF200AUUL

Ultrathin Carbon Film Supported Gold Square Mesh

size 200 mesh, box of 50



TEM-CF300AUUL

Ultrathin Carbon Film Supported Gold Square Mesh

size 300 mesh, box of 50



TEM-CF400AUUL

Ultrathin Carbon Film Supported Gold Square Mesh

size 400 mesh, box of 50



TEM-FF100CUUL

Ultrathin Formvar Supported Copper Square Mesh

size 100 mesh, box of 50



TEM-FF200CUUL

Ultrathin Formvar Supported Copper Square Mesh

size 200 mesh, box of 50



TEM-FF300CUUL

Ultrathin Formvar Supported Copper Square Mesh

size 300 mesh, box of 50



TEM-FFT200CUUL

Ultrathin Formvar Supported Copper Thin Bar Square Mesh

size 200 mesh, box of 50



TEM-FCF300CUUA

Ultrathin Formvar/Carbon Supported Copper Square Mesh

size 300 mesh, box of 50



TEM-FCF400CUUA

Ultrathin Formvar/Carbon Supported Copper Square Mesh

size 400 mesh, box of 50



TEM-FCF100CUUA

Ultrathin Formvar/Carbon Supported Copper Square Mesh

size 100 mesh, box of 50



TEM-FCF400AUUA

Ultrathin Formvar/Carbon Supported Gold Square Mesh

size 400 mesh, box of 50



TEM-LC300CUUL

Ultrathin Lacey Carbon Supported Copper Grid

size 300 mesh, box of 25



TEM-Q350AR13A

UltrAuFoil R1.2/1.3

Holey Gold Films, pack of 50



935077

VC-2 Voltammetry cell

5-15 mL



TEM-0250-CU

Veco Speciment Grid

Copper, size 250 Square mesh , with Center Reference, vial of 100



933473

Wafer tweezer

Style 3WL, 3" Handling

933503

Wafer tweezer

Style 6WF, PTFE Coated



933481

Wafer tweezer

Style 45WF, PTFE Coated



933635

Wafer tweezer

Style 4WF, PTFE Coated



933015

Wafer Tweezers

Style 43LB-4 Peek

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
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