





Good innovation makes greater things for everyone along with maintaining coexistence balance between human and environment.

We will carry out the sustainable solution.

DISCLAIMER

The following technical information and data must be considered as a general representation only, and should not be treated or used as full specification purposes. The information herein contained is based upon thoroughly reliable data, however not guaranty with respect to its accuracy where product result is implied, and no liability is assumed. It is the responsibility of the user to verify suitability of the material for their particular usage or purpose. In consideration of various usage conditions of the material and the different production equipment and processing techniques undergoes, IRPC cannot guarantee results in specific instances. Unless otherwise agreed in clear writing, IRPC sells product without warranty, while buyers and users assume all responsibility and liability for loss or damage arising from the handling and consumption of our products, whether processed homogeneously or in combination with other product(s).



IRPC Public Company Limited is Southeast Asia's integrated petrochemical pioneer. The Company operates a refinery and petrochemical complex in Rayong. Its main facilities are located within the IRPC Industrial Park, which features the infrastructure needed for its business, including a deep-sea port, an oil depot, and a power plant

Petrochemical Business

POLIMAXX is a brand of IRPC Petrochemical product line, with capability of producing HDPE, PP, UHMW-PE, ABS, SAN, PS, and EPS. IRPC endeavors to stay abreast on global environmental and technological changes through research and development of new products, e.g. paralene from natural ingredients, recycled compound resin, and acetylene black for Li- ion batteries (Pim-L and Pim-AL). Furthermore, IRPC has pioneered a closed loop production in the Eco Solution project to ensures that no waste would get out of the loop and become a burden to our society and to our fragile environment.



Petroleum Business

The petroleum product line of IRPC is classified into 3 groups: Petroleum Fuel Products, Lube Base Oil, and related products, as well as Aromatic Products.



Supporting Businesses

The Supporting businesses of the company are as follows:

- · Power and Public Utilities
- · Port and Tank Services
- · Asset Management Business





POLIMAXX is a brand of IRPC Petrochemical product line. Since IRPC Public Company Limited establishment in 1982, few suppliers in the region has been doing manufacture multiple types of polymer and petrochemical products in-house. Now, over 30 years have passed, while IRPC remain as strongly dedicated to research and develop as ever, to remain on top of rapid changes of market requirements.

Among a diverse range of our product lines, all polymer and petrochemical products would be under the common "POLIMAXX" branding. We, have strategically planned to initiate hybrid marketing, focusing on offering our quality products, and one-stop service solution to our customers. We created POLIMAXX with the intention to "Focus on petrochemical research and development to deliver solutions for customers' ever-changing needs in the future".



A product line, focusing on life and health.



A product line, focusing on performance and durability.



A product line, focusing on environment and sustainability.



ABS Compound | Acrylonitrile Butadiene Styrene Compound

| Glass Fiber Comp | ound | | | | | |
|-------------------------|--------------|---------------------|--------------------------|-------------|--|--|
| GA800 GA4 | 8.0 | 6.3 | 56,000 | 99 | | Water Meter |
| | | | | | | |
| Color Compound | | | | | | |
| ABS Color | Further info | rmation, please cor | ntact IRPC's Sales repre | esentative. | | Appliance & Electronic Parts, Exterior Parts, Interior Parts |

^{• =} Recommended

^C Color Compound Only

^{▲ =} Applicable

^{*}Comply with food contact US FDA 21 and EU 10/2011

ABS Powder | Acrylonitrile Butadiene Styrene Powder

| GRADE | | | INDUSTRY |
|---------|--|---------|-----------|
| AP4500 | Further information, please contact IRPC's Sales representative. | A A • A | Additives |
| АР5000Н | Further information, please contact IRPC's Sales representative. | | Additives |
| AP6007 | Further information, please contact IRPC's Sales representative. | | Additives |

PE Wax | Polyethylene Wax





^{• =} Recommended

^{▲ =} Applicable

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ACB | Acetylene Black

| GRADE | | Company of the state of the sta |
|--------|--|--|
| AB50 | Further information, please contact IRPC's Sales representative. | Dry Cell |
| AB50P | Further information, please contact IRPC's Sales representative. | ▲ ▲ • • • Tire Bladder, Rubber Compound, Color Compound, Lubricant |
| | | |
| PIM-AL | Further information, please contact IRPC's Sales representative. | Lead Battery |



^{• =} Recommended

^{▲ =} Applicable

^{*}Comply with food contact US FDA 21 and EU 10/2011.

AS/SAN | Acrylonitrile Styrene

| GRADE | MFR (200°C/5 kg) ASTM D1238 (g/10 min) | izod Notched (64 mm, 23°C) ASTM D256 (kgf-cm/cm) | HDT (32 mm, 186 kgi/cm²) ASTM D648 (°C) | COLOR | Flammability (6132283) UL94 (Thickness, mm) | gen | Secretary Control | goddines significant | INDUSTRY |
|---------------|---|---|--|---------------|--|---|-------------------|-------------------------|--|
| General | | | 111 | | | | | | |
| 120PC | 2.8 | 3.2 | 81 | Natural | | | • | 1 | Exterior Parts, Interior Parts, Household |
| 121PC | 2.8 | 3.2 | 81 | Blue | HB (1.5) | | | 1 | Appliance & Electronic Parts, Exterior & Interior Parts, Household |
| 129PC | 28 | 3.2 | 81 | Slightly Blue | | | • | 1 | Household, Stationery |
| High Flow | | | | | | | | | |
| 149PC | 5.0 | 3.0 | 85 | Slightly Blue | | | • | | Exterior Parts, Interior Parts |
| Compound Gra | de | | | | | | | | |
| AS103 | 2.8 | | | Natural | | | | | Compound |
| 250PC | 6.0 | | | Natural | | | | | Compound |
| 280PC | 9.0 | | | Natural | | | | | Compound |
| 210HF | 13 | | | Natural | | | • | | Compound |
| High Chemical | Resistance | | | | | | | | |
| 308PC | 1.6 | 3.6 | 88 | Natural | | | | | Lighter |
| 320PC | 1.9 | 3.4 | 86 | Natural | HB (1.5) | | 1.0 | | Appliance & Electronic Parts, Lighter |



^{• =} Recommended

^{▲ =} Applicable

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EPS Expandable Polystyrene

| GRADE | Bead Size Diameter (mm) | Molding Density Range (g/l) | Silo Time (hr) | Flammability (5132283) UL94 (Thickness, mm) | Flame Retardants DIN 4102-1 (Class) | Company of the compan | etreti | de de la constante de la const | INDUSTRY |
|--------------|-------------------------------|-----------------------------------|-------------------|--|---|--|--------|--|-------------------------|
| Standard | | | | | | | | | |
| 291L | 1.00 -1.60 ≥ 98% | 14-25 | 6-12 | | | | | 1 | EPS Packaging & Cushion |
| 321F | 0.63 - 1.12 ≥ 99% | 16-25 | 6-12 | | | | | 1 | EPS Packaging & Cushion |
| 361F | 0.40-0.90 ≥ 99% | 18-30 | 6-12 | | | | | 1 | EPS Packaging & Cushion |
| | | | | | | | • | 1 | EPS Packaging & Cushion |
| Self Extingu | ish (Flame retardant: nor | n-HBCD type) | | | | | | | |
| 277E | 1.00 -1.60 ≥ 98% | 16-25 | 6-16 | HF-1 (6.5) | B1 | | | | Foam Insulation |
| 377E | 0.63-1.12 ≥ 99% | 18-30 | 6-16 | HF-1 (6.5) | B1 | | | | Foam Insulation |



^{• =} Recommended

^{▲ =} Applicable

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HDPE High Density Polyethylene

| GRADE | MFR (190°C/2:16 kg) ASTM D1238 (g/10 min) | Density ASTM D792 (g/cm³) | ESCR (Condition B, F50) ASTM D1693 (hr) | Hardness ASTM D2240 (Shore D) | Vicat Softening (3.2 mm, 10 N, 50 °C/h) ASTM D1525 (°C) | Apple of the state | direction of the control of the cont | INDUSTRY |
|-------|--|---------------------------------|--|-------------------------------------|--|--|--|--|
| R1760 | 6.0 | 0.957 | 9 | 65 | 125 | | 1 | Household, Container and Pail, Caps and Closures |
| V1160 | 15 | 0.957 | 3 | 65 | 125 | | 1 | Household, Container and Pail, Caps and Closures |

PE Compound Polyethylene Compound

| GRADE | MFR (190°C/5 kg) ISO 1133 (g/10 min) | Density ISO 1183 (g/cm³) | ESCR (Condition B, F50) ASTM D1693 (hr) | Color | Special Property | | | Be Book of the Contract of the |
|-------------------|---|--------------------------------|--|---------|-----------------------------|--|---|--|
| HDPE Pipe | | | | | | 10 - 1 - 10 - 10 - 10 - 10 - 10 - 10 - | | |
| P901BK | 0.25 | 0.959 | ≥10,000 | Black | PE100 | | | HDPE Pipe |
| P901BK-CR | 0.25 | 0.959 | ≥10,000 | Black | PE100 - Chlorine Resistance | | | HDPE Pipe |
| P901BK-SP | 0.25 | 0.959 | ≥10,000 | Black | PE100 - Shell Protection | | • | HDPE Pipe |
| P921BK | 0.22 | 0.959 | ≥10,000 | Black | Low Sagging / High MRS | | | HDPE Pipe |
| P901BK-RC | 0.22 | 0.959 | ≥10,000 | Black | PE100RC , HSCR | | • | HDPE Pipe |
| HDPE Color Pipe | e | | | | | | | |
| P901BL | 0.25 | 0.950 | ≥10,000 | Blue | | | • | HDPE Pipe |
| P901C A026 | 0.26 | 0.971 | 15 | White | | | | HDPE Pipe |
| Further informati | ion, please contact | IRPC's Sales re | presentative. | | | | | |
| HDPE Blow Mole | ding | | | | | | | |
| P301N-BE | 0.20 | 0.947 | - | Natural | | • | | Household |
| HDPE Cable She | oath | | | | | | | |
| P702BK | 1.50 | 0.968 | ≥1,000 | Black | | | | Cable Sheath |
| HDPE Floating S | Solar | | | | | | | |
| P301GR | 0.35 | 0.958 | ≥5,000 | Gray | UV Resistance | | | Floating Solar Pontoon |

^{• =} Recommended

^{▲ =} Applicable

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PP HOMO Polypropylene Homopolymer

| GRADE | MFR (230°C/216 kg) ASTM D1238 (g/10 min) | Izod Notched (32 mm, 23°C) ASTM D256 (J/m) | Flexural Modulus (1% SECANT, 13 mm/min) ASTM D790 (MPa) | HDT (3.2 mm, 0.455 MPa) ASTM D648 (°C) | Flammability (E132283) UL94 (Thickness, mm) | ₹¢ | SS TO STATE OF THE PARTY OF THE | and de la constante de la cons | and did | de production of the second | die Care | er Jack | de la | A STATE OF THE STA | god industry |
|---------|---|---|--|---|--|----|--|--|---------|-----------------------------|----------|---------|---|--|--|
| B1101 | 0.9 | 60 | 1,600 | 110 | | • | • | | | | | • | | 1 | EBM, Thermoforming |
| 1102H | 2.0 | 45 | 1,600 | 110 | | • | • | | | | | • | A | 1 | Stationery, EBM, Thermoforming |
| 1150H | 2.2 | 56 | 2,000 | 125 | | • | ٠ | | | | | | A | 1 | EBM, Thermoforming |
| 1202J | 3.0 | 55 | 1,700 | 110 | | | | | | • | | | A | 1 | Fishing Nets, Raffia & Filament |
| FL203D | 3.0 | 35 | 1,550 | 95 | | | | | • | * | | | | 1 | BOPP Film |
| K1104 | 3.5 | 45 | 1,600 | 110 | | | | | | | | | • | 1 | Household |
| S1003 | 3.5 | 45 | 1,600 | 110 | | | | | | • | | | | 1 | Fishing Nets, Raffia & Filament |
| 1102K | 4.0 | 45 | 1,600 | 110 | HB (1.5) | | | | | • | | | • | 1 | Fishing Nets, Appliance & Electronic Parts, Raffia & Filamen |
| 1032L | 5.0 | 42 | 1,600 | 110 | | | | | | • | | | | 1 | Fishing Nets, Raffia & Filament |
| 1102M | 8.0 | 33 | 1,550 | 105 | | | | • | • | | | | • | 1 | CPP Film, Caps and Closures |
| 1100NK | 11 | 35 | 1,500 | 110 | HB (1.5) | | | A | • | A . | | | • | 1 | Appliance & Electronic Parts, Interior Parts, Household |
| 1120NK | 11 | 36 | 1,250 | 100 | | | | • | • | | | | | 1 | Water-quenched Blown Film |
| 1126NK | 11 | 34 | 1,300 | 100 | | | | • | • | | | | | 1 | Water-quenched Blown Film |
| K1111 | 11 | 32 | 1,600 | 110 | | | | | | | | | | 1 | Household |
| 1100PK | 15 | 31 | 1,500 | 110 | | | | | | A | | | • | 1 | Household, Furniture |
| 1100RC | 20 | 28 | 1,500 | 110 | HB (1.5) | | | | | A | | | | 1 | Appliance & Electronic Parts, Household, Furniture |
| 1111R | 20 | 22 | 1,900 | 129 | HB (1.5) | | | | | | | | • | 1 | Appliance & Electronic Parts, Household, Furniture |
| 1105RC | 25 | 28 | 1,400 | 105 | | | | | | • | | | • | 1 | Spunbond, Hygiene Fabric, Raffia & Filament |
| 1100S | 30 | 27 | 1,500 | 110 | | | | | | • | | | • | 1 | Interior Part, Household, Furniture |
| 1105SC | 35 | 27 | 1,400 | 105 | | | | | | • | | | • | 1 | Spunbond, Hygiene Fabric, Raffia & Filament |
| 1105TC | 60 | 25 | 1,400 | 105 | | | | | | • | | | | 1 | Spunbond, Hygiene Fabric |
| 1140U | 60 | 27 | 1,750 | 120 | | | | | | | | | • | 1 | TWIM |
| 1140VC | 75 | 25 | 1,750 | 120 | | | | | | | | | • | 1 | TWIM |
| 1100XC | 800 | | | | | | | | | | | | | 1 | Filter, Meltblown, Hygiene Fabric |
| 1100YC | 1,200 | | | | | | | | | • | | | | 1 | Filter, Meltblown, Hygiene Fabric |
| 1100ZC | 1,500 | | | | | | | | | • | | | | 1 | Filter, Meltblown, Hygiene Fabric |
| 1100ZXC | 1,800 | | | | | | | | | | | | | 1 | Filter, Meltblown, Hygiene Fabric |

Remark: The values presented above are typical laboratory, not to be construed as specifications and may vary within moderate ranges. The applicability or accuracy of this information or the suitability of our products cannot be guaranteed because users' condition of use are beyond our control.

EBM = Extrusion Blow Molding

BOPP = Biaxially Oriented Polypropylene

CPP = Cast Polypropylene

TWIM = Thin Wall Injection Molding



^{• =} Recommended

^{▲ =} Applicable

^{*}Comply with food contact US FDA 21 and EU 10/2011

| GRADE | MFR (230°C/2.16 kg) ASTM D1238 (g/10 min) | Izod Notched (3.2 mm, 23°C) ASTM D256 (J/m) | Flexural Modulus (1% Secant,13 mm/min) ASTM D790 (MPa) | HDT (32 mm, 0.455 MPa) ASTM D648 (°C) | Flammability (E132283) UL94 (Thickness, mm) | Į _r io | SESTION OF THE PERSON OF THE P | od or other | Street Cit | de la companya de la | and Licker | See See | 60 gga | INDUSTRY |
|---------|--|--|---|--|--|-------------------|--|-------------|------------|---|------------|---------|--------|--|
| 2500H | 2.0 | Not Break | 1,100 | 92 | | | • | | 2 | | A . | | 1 | Exterior Parts, Interior Parts, Stationery, Thermoforming |
| 2300K | 4.0 | 140 | 1,200 | 98 | HB (1.5) | | | | | | | | 1 | Appliance & Electronic Parts, Household, Container and Pai |
| 2500M | 8.0 | 180 | 1,130 | 92 | | | | | | | | | 1 | Household, Container and Pail |
| 2300NC | 10 | 140 | 1,200 | 98 | HB (1.5) | | | | | | | | 1 | Appliance & Electronic Parts, Interior Parts, Household |
| 2300NCA | 10 | 150 | 1,450 | 115 | HB (1.5) | | | | | | | | | Appliance & Electronic Parts, Battery Cases |
| всозв | 30 | 80 | 1,200 | 105 | HB (1.5) | | | | | | | | 1 | Appliance & Electronic Parts, Interior Parts, Household |
| BC05B | 50 | 75 | 1,200 | 105 | HB (1.5) | | | | | | | | 1 | Appliance & Electronic Parts, Exterior Parts, Interior Parts |



^{▲ =} Applicable



^{*}Comply with food contact US FDA 21 and EU 10/2011

PP RANDOM COPO | Polypropylene Random Copolymer

| GRADE | MFR (230°C/2/16 kg) ASTM D1238 (g/10 min) | Izod Notched (3.2 mm, 23°C) ASTM D256 (J/m) | Flexural Modulus (1% SECANT, 13 mm/min) ASTM 0790 (MPa) | HDT (32 mm, 0.455 MPa) ASTM 0648 (°C) | HAZE (1 mm) ASTM D1003 (%) | Rect | Control of the contro | do de la como de la co | Secretary Secretary | de la constantina della consta | de d | | on State of the St | INDUSTRY |
|---------|--|--|--|--|-------------------------------------|-------------|--|--|---------------------|--|--|-----|--|--|
| 3312E | 0.25 | 600 | 850 | 75 | | • | | | | • | | | | PP Pipe |
| 3340H | 2.0 | 230 | 950 | 83 | 8 | | • | | | • | A | | 1 | EBM, Thermoforming |
| 3340HMD | 2.0 | 250 | 850 | 83 | 8 | | • | | | • | | | 1 | Medical Devices |
| 3325M | 10 | 25 | 850 | 75 | | | | • | | | | | 1 | CPP Film |
| K4510B | 10 | 70 | 1,150 | 85 | 8 | | | | | | • | A . | 1 | Household, Caps and Closures |
| 3375RM | 24 | 56 | 750 | 76 | | | | | • | | | | 1 | Laminate Coating |
| K4520UB | 25 | 45 | 1,280 | 85 | 4 | | | | | | | | 1 | Household, Caps and Closures |
| K4527ET | 27 | 50 | 1,150 | 80 | 8 | | | | | | • | | 1 | Medical Devices |
| K4527B | 30 | 50 | 1,150 | 85 | 8 | | | | | | | | 1 | Appliance & Electronic Parts, Household, Caps and Closures |
| 3375SM | 35 | 45 | 750 | 76 | | | | | | | | | 1 | Laminate Coating |

PP TPO Polypropylene Thermoplastic Polyolefin



EBM = Extrusion Blow Molding

CPP = Cast Polypropylene

• = Recommended

▲ = Applicable

*Comply with food contact US FDA 21 and EU 10/2011



PP Compound | Polypropylene Compound

| GRADE | MFR (230°C/216 kg) ASTM D1238 (g/10 min) | Izod Notched (32 mm, 23°C) ASTM D256 (kgf-cm/cm) | Flexural Modulus (1% Secant, 13 mm/min) ASTM D790 (kgf/cm²) | HDT (32 mm, 46 kgf/cm²) ASTM D648 (°C) | Flammability (E132283) UL94 (Thickness, mm) | Control of the contro | de d | State of the state |
|-------------------|---|---|--|---|--|--|--|--|
| P Talcum Compo | ound | | | | | | | |
| 111NXTA4 | 11 | 3 | 37,000 | 142 | | | • | Interior Parts |
| 1111NXTA8 | 10 | 2.2 | 75,000 | 147 | | | • | Interior Parts |
| 2311KXTA4 | 4.5 | 4.8 | 31,000 | 140 | | | • | Interior Parts |
| 2311LCXTA6 | 6.0 | 4.7 | 39,000 | 143 | | | • | Interior Parts |
| 2311NCXTA4 | 11 | 4.7 | 27,000 | 138 | | | • | Interior Parts |
| 2311SCXTA4 | 30 | 3.3 | 27,000 | 138 | | | • | Interior Parts |
| 2511PCXTA6 | 13 | 5 | 36,000 | 140 | | | • | Interior Parts |
| 2563PCXTA6 | 13 | 5 | 33,000 | 140 | | | • | Exterior Parts, Interior Parts |
| PP Glass Fiber Co | mpound | | | | | | | |
| 1111NXGA6 | 4.0 | 5.5 | 85,000 | 161 | | | • | Exterior Parts |
| 2311LCXGA4 | 3.0 | 6.6 | 47,000 | 158 | | | | Exterior Parts |
| 2511HXGA5 | 1.1 | 20.5 | 49,000 | 159 | | | • | Exterior Parts |
| PP Flame Retarda | ant | | | | | | | |
| 1196NN | 13.5 | 4.5 | 22,000 | 130 | V2 (1.5) | | • | Appliance & Electronic Parts |
| Color Compound | | | | | | | | |
| PP Color | Further info | rmation, please co | ntact IRPC's Sales repre | sentative. | | | | Appliance & Electronic Parts, Exterior Parts, Interior Parts |



^{▲ =} Applicable



^{*}Comply with food contact US FDA 21 and EU 10/2011

| GRADE | MFR (200°C/5 kg) ASTM D1238 (g/10 min) | izod Notched (64 mm, 23°C) ASTM D256 (kgf-cm/cm) | Flexural Modulus (E-Modulus, 13 mm/min) ASTM 0790 (kgf/cm²) | HDT (32 min, 18.6 kgf/cm²) ASTM D648 (°C) | Flammability (E132283) (UI.94 (Thickness, mm) | See See See | go diginal dig | | | perior spectral perior | and the state of t |
|-------|---|---|--|--|--|-------------|--|---|---|------------------------|--|
| GPPS | | | | | | | | | | | |
| GP110 | 2.0 | 2.2 | 33,000 | 94 | HB (1.5) | | • | • | A | 1 | Appliance & Electronic Parts, Thermoforming |
| GP112 | 2.7 | 2.2 | 33,000 | 94 | | | • | | * | 1 | Thermoforming |
| GP130 | 3.2 | 2.2 | 33,000 | 94 | HB (1.5) | | | | • | 1 | Appliance & Electronic Parts |
| GP150 | 8.0 | 2.2 | 33,000 | 93 | HB (1.5) | | | | • | 1 | Appliance & Electronic Parts, Household |
| HIPS | | | | | | | | | | | |
| HI830 | 2.5 | 14 | 23,000 | 90 | HB (1.5) | | | | À | 1 | Appliance & Electronic Parts, Thermoforming |
| HI650 | 8.0 | 11 | 24,000 | 89 | HB (1.5) | | | | | 1 | Appliance & Electronic Parts, Household, Stationery ware |
| | 8.0 | 6 | 26,000 | 87 | HB (1.5) | | | | | 1 | Appliance & Electronic Parts |

PS Compound | Polystyrene Compound

| GRADE | MFR (200°C/5 kg) ASTM D1238 (g/10 min) | Izod Notched (32 mm. 23°C) ASTM D256 (kgf-cm/cm) | Flexural Modulus (E-Modulus, 13 mm/min) ASTM D790 (kgf/cm²) | HDT (32 mm, 18.6 kgf/cm²) ASTM D648 (°C) | Surface Resistivity ASTM D257 (ohm/sq) | Company of the compan | John John John John John John John John |
|--------------------|---|---|--|---|--|--|---|
| Bio-Base Compound | ı | | | | | | |
| PK150B20 | 7.0 | | 33,000 | | | | Household |
| PS Conductive Comp | pound | | | | | | |
| SC210BKC | 1.25 | 6.0 | 18,000 | | 10 ³ - 10 ⁴ | | Appliance & Electronic Parts |
| SC430BKC | 0.85 | 12 | 17,000 | | 103 - 104 | | Appliance & Electronic Parts |
| Color Compound | | | | | | | |
| PS Color | Further in | formation, please | contact IRPC's Sales r | epresentative. | | | Appliance & Electronic Parts |

^{• =} Recommended



^{▲ =} Applicable

^{*}Comply with food contact US FDA 21 and EU 10/2011

UHMWPE Ultra High Molecular Weight Polyethylene

| GRADE | Average Mw Margolies equation (10 ⁶ g/mol) | Average Particle Size Laser Scttering (µm) | Intrinsic Viscosity ISO 1628-3 (dl/g) | Density ISO 1183 (g/cm³) | Bulk Density ISO 60 (g/cm³) | a de la constantina della cons | Control of the contro | grade de la company | garaga agar garaga agar | iria de la como de la | e de la constante de la consta | INDUSTRY |
|--------|---|--|---|--------------------------------|-----------------------------------|--|--|---------------------|----------------------------|---|--|--------------------------------|
| J321 | 3.9 | 200 | 17.6 | 0.93 | ≥0.40 | | • | • | | | 1 | Rod-Sheet (UHMWPE) |
| U511H | 5.8 | 130 | 23.1 | 0.92 | ≥0.40 | | • | | | | 1 | Rod-Sheet (UHMWPE) |
| U511R | 5.8 | 130 | 20.7 | 0.93 | ≥0.40 | | • | • | | | 1 | Rod-Sheet (UHMWPE) |
| U711 | 7.8 | 130 | 28.3 | 0.92 | ≥0.40 | | • | | | | 1 | Rod-Sheet (UHMWPE) |
| U510B | 5.8 | 130 | 23.1 | 0.93 | ≥0.40 | • | | | | | | Battery Seperator |
| U710B | 7.8 | 130 | 28.3 | 0.93 | ≥0.40 | • | | | | | | Battery Seperator |
| U310T | 4.9 | 150 | 20.7 | 0.92 | ≥0.40 | | | | | | | Sport Application |
| U510FW | 5.5 | 125 | 23.0 | 0.93 | ≥0.40 | | | | | | 1 | Filter |
| U711FB | 6.9 | 130 | 26.0 | 0.93 | ≥0.40 | | | | • | | | Fishing Nets, Bulletproof Vest |
| U810FB | 8.7 | 130 | 30.4 | 0.93 | ≥0.40 | | | | | | | Fishing Nets, Bulletproof Vest |



^{▲ =} Applicable



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