

Techmer ES Luriblend® POM CO AF15

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Aramid Fiber Filled

Material Notes:

Availability: North America Forms: Pellets Additive: Aramid Resin Lubricant(15%) Features: Lubricated, Copolymer, Good Wear Resistance and Low Friction Information provided by TP Composites, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-Luriblend-POM-CO-AF15.php

Physical Properties	Metric	English	Comments
Density	1.42 g/cc	0.0513 lb/in ³	ASTM D792
Water Absorption	0.20 % @Time 86400 sec	0.20 % @Time 24.0 hour	ASTM D570
Linear Mold Shrinkage, Flow	0.0080 cm/cm @Thickness 3.17 mm	0.0080 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	107	107	ASTM D785
Tensile Strength, Yield	88.3 MPa	12800 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Strength	116 MPa	16800 psi	ASTM D790
Flexural Modulus	4.07 GPa	590 ksi	ASTM D790
Izod Impact, Notched	0.801 J/cm @Thickness 3.17 mm	1.50 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	54.0 Åµm/m-Å°C	30.0 Åµin/in-Å°F	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	160 Å°C	320 Å°F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	154 Å°C	310 Å°F	Unannealed; ASTM D648
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	ASTM D257

Electrical Properties	Metric /mm	English in	Comments Short - Time); ASTM D149
-----------------------	------------	------------	-----------------------------------

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China