

LNP Emi-X® OC-1008 LEX Polyphenylene Sulfide, Carbon Fiber Reinforcement (discontinued **)

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

Features: Radio Frequency Shielding, Electromagnetic Shielding, Electrically Conductive Forms: Pellets Processing Method: Injection

Molding Information provided by LNP, a GE Plastics Company. This data sheet is labeled Discontinued; however many LNP grades are still active under new names instituted after the SABIC purchase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LNP-Emi-X-OC-1008-LEX-Polyphenylene-Sulfide-Carbon-Fiber-Reinforcement-nbspdiscontinued.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.49 g/cc	1.49 g/cc	Method A; ASTM D792
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.0060 cm/cm	0.0060 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	181 MPa	26300 psi	ASTM D638
Elongation at Break	0.90 %	0.90 %	ASTM D638
Flexural Strength	262 MPa	38000 psi	ASTM D790
Flexural Modulus	27.2 GPa	3950 ksi	ASTM D790
Izod Impact, Notched	0.374 J/cm @Thickness 3.18 mm	0.701 ft-lb/in @Thickness 0.125 in	ASTM D256
Izod Impact, Unnotched	4.80 J/cm @Thickness 3.18 mm	8.99 ft-lb/in @Thickness 0.125 in	ASTM D256

Electrical Properties	Metric	English	Comments
Surface Resistance	10 ohm	10 ohm	ASTM D257

Processing Properties	Metric	English	Comments
Melt Temperature	316 - 321 °C	601 - 610 °F	
Mold Temperature	135 - 163 °C	275 - 325 °F	
Drying Temperature	121 - 149 °C	250 - 300 °F	

Dry Time Processing Properties	4 hour Metric	4 hour English	Comments
Back Pressure	0.172 - 0.345 MPa	24.9 - 50.0 psi	

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