

Eurostar Starflam RFB247EX PA66/6, Glass Bead/Fiber Filled, Flame Retardant, Injection Molded

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66

Material Notes:

RFB247EX is a Halogen Free and Red Phosphorous Free Flame Retardant, Glass Bead/ Glass Fiber Reinforced Polyamide 66/ Polyamide 6 Injection Molding Resin. Information provided by Eurostar.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eurostar-Starflam-RFB247EX-PA666-Glass-BeadFiber-Filled-Flame-Retardant-Injection-Molded.php

Physical Properties	Metric	English	Comments
Density	1.44 g/cc	0.0520 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0040 - 0.0060 cm/cm @Thickness 4.00 mm	0.0040 - 0.0060 in/in @Thickness 0.157 in	E2P method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	114 MPa	16500 psi	ISO 527
Elongation at Break	2.6 %	2.6 %	ISO 527
Flexural Strength	161 MPa	23400 psi	ISO 178
Flexural Modulus	7.60 GPa	1100 ksi	ISO 178

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	Edgew 120x10x4, sp=100 mm; ISO 75/Ae
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	

Processing Properties	Metric	English	Comments
Zone 1	260 - 280 °C	500 - 536 °F	
Zone 2	270 - 285 °C	518 - 545 °F	
Zone 3	265 - 280 °C	509 - 536 °F	
Melt Temperature	265 - 280 °C	509 - 536 °F	
Mold Temperature	70.0 - 90.0 °C	158 - 194 °F	
	75.0 - 85.0 °C	167 - 185 °F	

Drying Temperature Processing Properties	Metric @ Time 14400 - 21600 sec	English @ Time 4.00 - 6.00 hour	Comments
Moisture Content	0.20 %	0.20 %	

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