

Eurostar Staramide 6 70E3 PA6, 70% Mineral Filled, Injection Molded

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Staramide 6 70E3 is a 70% mineral filled high density, Polyamide 6 Injection Molding Resin. Information provided by Eurostar.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eurostar-Staramide-6-70E3-PA6-70-Mineral-Filled-Injection-Molded.php

Physical Properties	Metric	English	Comments
Density	2.30 g/cc	0.0831 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.011 - 0.014 cm/cm @Thickness 4.00 mm	0.011 - 0.014 in/in @Thickness 0.157 in	E2P method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	77.0 MPa	11200 psi	5 mm/min; ISO 527
Elongation at Break	1.3 %	1.3 %	5 mm/min; ISO 527
Flexural Strength	103 MPa	14900 psi	ISO 178
Flexural Modulus	6.80 GPa	986 ksi	ISO 178
Izod Impact, Notched (ISO)	3.10 kJ/m ²	1.48 ft-lb/in ²	80x10x4; ISO 180/1A
Izod Impact, Unnotched (ISO)	18.0 kJ/m ²	8.57 ft-lb/in ²	80x10x4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	123 °C	253 °F	Flatw 80x10x4, sp=64 mm; ISO 75/Af

Processing Properties	Metric	English	Comments
Zone 1	250 - 260 °C	482 - 500 °F	
Zone 2	265 - 275 °C	509 - 527 °F	
Melt Temperature	265 - 275 °C	509 - 527 °F	
Mold Temperature	80.0 - 95.0 °C	176 - 203 °F	
Drying Temperature	80.0 °C @Time 14400 sec	176 °F @Time 4.00 hour	
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