

Eurostar Staramide RF006K PA66, Glass Fiber Filled, Injection Molded

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 10% Glass Fiber Filled

Material Notes:

Staramide RF006K is a Radiation Crosslinkable, Glass Fiber Reinforced Polyamide 66 Injection Molding Resin. Information provided by Eurostar.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eurostar-Staramide-RF006K-PA66-Glass-Fiber-Filled-Injection-Molded.php

| Physical Properties | Metric | English | Comments |
|-----------------------------|---|--|------------|
| Density | 1.37 g/cc | 0.0495 lb/in ³ | ISO 1183 |
| Linear Mold Shrinkage, Flow | 0.0010 - 0.0030 cm/cm @Thickness 4.00 mm | 0.0010 - 0.0030 in/in @Thickness 0.157 in | E2P method |

| Mechanical Properties | Metric | English | Comments |
|------------------------------|------------------------|----------------------------|----------------------|
| Tensile Strength at Break | 175 MPa | 25400 psi | 5 mm/min; ISO 527 |
| Elongation at Break | 2.7 % | 2.7 % | 5 mm/min; ISO 527 |
| Flexural Strength | 175 MPa | 25400 psi | 2 mm/min; ISO 178 |
| Flexural Modulus | 7.50 GPa | 1090 ksi | 2 mm/min; ISO 178 |
| Izod Impact, Notched (ISO) | 9.00 kJ/m ² | 4.28 ft-lb/in ² | 80x10x4; ISO 179/1eA |
| Izod Impact, Unnotched (ISO) | 45.0 kJ/m ² | 21.4 ft-lb/in ² | 80x10x4; ISO 180/1U |

| Thermal Properties | Metric | English | Comments |
|---|--------|---------|------------------------------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 248 °C | 478 °F | Flatw 80x10x4, sp=64 mm; ISO 75/Af |

| Processing Properties | Metric | English | Comments |
|-----------------------|----------------|--------------|----------|
| Zone 1 | 260 - 280 °C | 500 - 536 °F | |
| Zone 2 | 270 - 280 °C | 518 - 536 °F | |
| Zone 3 | 270 - 280 °C | 518 - 536 °F | |
| Melt Temperature | 270 - 290 °C | 518 - 554 °F | |
| Mold Temperature | 60.0 - 90.0 °C | 140 - 194 °F | |
| 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