

Oxford Polymers Oxnilon 6-60GF(DRY) PA6, 60% Glass Fiber Reinforced, Dry

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 60% Glass Fiber Filled

Material Notes:

Product Description: Glass Fiber (60% Reinforced), Nylon 6 injection molding grade Processing and Delivery Form: Pellets and Injection MoldingAdditives: Release Agents, Lubricants and Heat Stabilizers Special Characteristics: Colors AvailableInformation provided by Oxford Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_Oxford-Polymers-Oxnilon-6-60GFDRY-PA6-60-Glass-Fiber-Reinforced-Dry.php

Physical Properties	Metric	English	Comments
Density	1.65 g/cc	0.0596 lb/in ³	ASTM D792
Water Absorption at Saturation	4.50 %	4.50 %	ASTM D570
Linear Mold Shrinkage, Flow	0.00200 cm/cm @Thickness 3.17 mm	0.00200 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	241 MPa	35000 psi	ASTM D638
Elongation at Break	1.00 %	1.00 %	ASTM D638
Flexural Strength	359 MPa	52000 psi	ASTM D790
Flexural Modulus	16.2 GPa	2350 ksi	ASTM D790
Izod Impact, Notched	2.14 J/cm @Thickness 3.17 mm	4.00 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	212 °C	414 °F	Unannealed; ASTM D648

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	260 - 288 °C	500 - 550 °F	
Middle Barrel Temperature	271 - 299 °C	520 - 570 °F	
Front Barrel Temperature	279 - 307 °C	535 - 585 °F	
Nozzle Temperature	279 - 307 °C	535 - 585 °F	
Melt Temperature	271 - 299 °C	520 - 570 °F	

Mold Temperature Processing Properties	65.6 - 124 °C Metric	150 - 255 °F English	Comments
Drying Temperature	87.8 °C	190 °F	
Dry Time	4.00 - 6.00 hour	4.00 - 6.00 hour	

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