

Tipco Tipcofil® AG 200 - 10% Glass Fiber Reinforced Nylon-6 Compound, with High Heat Stability

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

10% Glass Reinforced Nylon-6 Compound Applications: General Purpose Processing: Injection Molding Information provided by the Manufacturer, Tipco Industries Ltd., India.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tipco-Tipcofil-AG-200-10-Glass-Fiber-Reinforced-Nylon-6-Compound-with-High-Heat-Stability.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ASTM D792
Water Absorption	1.3 %	1.3 %	ASTM D570
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	ASTM D955
Melt Flow	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	110 MPa	16000 psi	ASTM D638
Elongation at Break	>= 4.0 %	>= 4.0 %	ASTM D638
Flexural Yield Strength	145 MPa	21000 psi	ASTM D790
Flexural Modulus	4.10 GPa	595 ksi	ASTM D790
Izod Impact, Notched (ISO)	6.00 kJ/m ²	2.86 ft-lb/in ²	ASTM D256
Izod Impact, Unnotched (ISO)	45.0 kJ/m ²	21.4 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	190 °C	374 °F	ASTM D648
Vicat Softening Point	200 °C	392 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Processing Temperature	240 °C	464 °F	
Rear Barrel Temperature	240 °C	464 °F	
Middle Barrel Temperature	245 °C	473 °F	

Front Barrel Temperature Processing Properties	255 °C Metric	491 °F English	Comments
Nozzle Temperature	245 °C	473 °F	
Mold Temperature	85.0 °C	185 °F	
Drying Temperature	80.0 °C	176 °F	

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