

Ter Hell Plastic Terez® PA 6.6 HT 7110 GF 41 FL-HF/2 Polyamide 66 Copolymer, 41% Glass Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Glass Fiber Filled, Flame Retardant

Material Notes:

Description: Partly aromatic Polyamide 6.6 Copolymer, 41% glass fiber reinforced and flame retardants. Application: Stiff molding parts with high stiffness by outstanding thermal stability, reduced warpage. Information provided by Ter Hell Plastic GMBH.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ter-Hell-Plastic-Terez-PA-66-HT-7110-GF-41-FL-HF2-Polyamide-66-Copolymer-41-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.56 g/cc	1.56 g/cc	ISO 1183
Moisture Absorption at Equilibrium	0.60 %	0.60 %	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	185 MPa	26800 psi	dry; ISO 527
Tensile Strength	210 MPa	30500 psi	dry; ISO 527
Tensile Strength, Yield	210 MPa	30500 psi	dry; ISO 527
Elongation at Break	2.5 %	2.5 %	dry; ISO 527
Elongation at Yield	2.0 %	2.0 %	dry; ISO 527
Tensile Modulus	15.5 GPa	2250 ksi	dry; ISO 527
Charpy Impact Unnotched	5.60 J/cm ²	26.6 ft-lb/in ²	dry; ISO 179
Charpy Impact, Notched	0.800 J/cm ²	3.81 ft-lb/in ²	dry; ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	245 °C	473 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	230 °C	446 °F	ISO 75
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	
Glow Wire Test	960 °C @Thickness 1.50 mm	1760 °F @Thickness 0.0591 in	IEC 60695-2-12

Processing Properties	Metric	English	Comments
Processing Temperature	275 - 295 °C	527 - 563 °F	
Drying Temperature	90.0 °C	194 °F	
Dry Time	2 - 3 hour	2 - 3 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