

Ter Hell Plastic Terez® PA 6.6 7510 GF 50 Polyamide 66, 50% Glass Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 50% Glass Fiber Filled

Material Notes:

Description: PA66 with medium viscosity, 50% glass fiber reinforced. Application: For molding parts with very high stiffness at good thermal stability. Information provided by Ter Hell Plastic GMBH.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ter-Hell-Plastic-Terez-PA-66-7510-GF-50-Polyamide-66-50-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.56 g/cc	1.56 g/cc	ISO 1183
Water Absorption	4.0 %	4.0 %	ISO 62
Moisture Absorption at Equilibrium	1.4 %	1.4 %	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength	190 MPa	27600 psi	dry; ISO 527
Tensile Strength, Yield	195 MPa	28300 psi	dry; ISO 527
Elongation at Break	1.5 %	1.5 %	dry; ISO 527
Elongation at Yield	1.0 %	1.0 %	dry; ISO 527
Tensile Modulus	15.9 GPa	2310 ksi	dry; ISO 527
Charpy Impact Unnotched	7.50 J/cm ²	35.7 ft-lb/in ²	dry; ISO 179
Charpy Impact, Notched	1.20 J/cm ²	5.71 ft-lb/in ²	dry; ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	240 °C	464 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	230 °C	446 °F	ISO 75
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	500 V	500 V	IEC 60112

Processing Properties	Metric	English	Comments
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Processing Temperature Processing Properties	270 - 290 °C Metric	518 - 554 °F English	Comments
Drying Temperature	80.0 °C	176 °F	
Dry Time	4 hour	4 hour	

Contact Songhan Plastic Technology Co.,Ltd.

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