

Ter Hell Plastic Terez® PA 6.6 7750 T Polyamide 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Impact Grade

Material Notes:

Description: Dry impact unfilled Polyamide 6.6, good flowability and demolding properties. Application: Molding parts of different kinds, high impact properties. Information provided by Ter Hell Plastic GMBH.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ter-Hell-Plastic-Terez-PA-66-7750-T-Polyamide-66.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ISO 1183
Water Absorption	7.5 %	7.5 %	ISO 62
Moisture Absorption at Equilibrium	2.1 %	2.1 %	ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength	60.0 MPa	8700 psi	dry; ISO 527
Tensile Strength, Yield	75.0 MPa	10900 psi	dry; ISO 527
Elongation at Break	30 %	30 %	dry; ISO 527
Elongation at Yield	4.0 %	4.0 %	dry; ISO 527
Tensile Modulus	2.80 GPa	406 ksi	dry; ISO 527
Charpy Impact Unnotched	NB	NB	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)	215 °C	419 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	80.0 °C	176 °F	ISO 75
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Processing Properties	Metric	English	Comments
Processing Temperature	270 - 290 °C	518 - 554 °F	
Drying Temperature	90.0 °C	194 °F	

Dry Time Processing Properties	2 - 4 hour Metric	2 - 4 hour English	Comments
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