

Unitika E-RUNG60 PA66, 60% Glass Fiber Reinforced, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 60% Glass Fiber Filled

Material Notes:

Information provided by Unitika Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unitika-E-RUNG60-PA66-60-Glass-Fiber-Reinforced-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.73 g/cc	0.0625 lb/in ³	ISO 1183
Moisture Absorption at Equilibrium	0.70 %	0.70 %	50% RH; ISO 62
Linear Mold Shrinkage, Flow	0.0010 cm/cm	0.0010 in/in	
	@Thickness 3.20 mm	@Thickness 0.126 in	
Linear Mold Shrinkage, Transverse	0.0030 cm/cm	0.0030 in/in	
	@Thickness 3.20 mm	@Thickness 0.126 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	215 MPa	31200 psi	ISO 527-1/-2
Elongation at Break	2.3 %	2.3 %	ISO 527-1/-2
Tensile Modulus	15.0 GPa	2180 ksi	ISO 527-1/-2
Flexural Strength	320 MPa	46400 psi	ISO 178
Flexural Modulus	14.7 GPa	2130 ksi	ISO 178
Charpy Impact Unnotched	8.00 J/cm ²	38.1 ft-lb/in ²	ISO 179-1
Charpy Impact, Notched	1.70 J/cm ²	8.09 ft-lb/in ²	ISO 179-1

Thermal Properties	Metric	English	Comments
CTE, linear	25.0 µm/m-°C	13.9 µin/in-°F	ISO 11359-2

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