

Unitika E-RUNG60 Ultra high-rigidity PA6, Dry

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Ultra high-rigidity Information provided by Unitika Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unitika-E-RUNG60-Ultra-high-rigidity-PA6-Dry.php

Physical Properties	Metric	English	Comments
Density	1.73 g/cc	0.0625 lb/in ³	ASTM D792
Moisture Absorption at Equilibrium	0.70 %	0.70 %	50% RH
Linear Mold Shrinkage, Flow	0.0010 cm/cm	0.0010 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	248 MPa	36000 psi	ASTM D638
Elongation at Break	4.1 %	4.1 %	ASTM D638
Flexural Strength	358 MPa	51900 psi	ASTM D790
Flexural Modulus	18.1 GPa	2630 ksi	ASTM D790
Izod Impact, Notched	1.49 J/cm	2.79 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	222 °C	432 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	249 °C	480 °F	ASTM D648

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