

SABIC Innovative Plastics LNP THERMOCOMP UX05504 PPA

Category : Polymer , Thermoplastic , Polyphthalamide (PPA)

Material Notes:

LNP THERMOCOMP* UX05504 is a compound based on Polyphthalamide resin containing Glass Fiber. Added features of this material include: Heat Stabilized.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-UX05504-PPA.php

Physical Properties	Metric	English	Comments
Density	1.44 g/cc	0.0520 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	164 MPa	23800 psi	ISO 527
Tensile Strength, Yield	12.0 MPa	1740 psi	ISO 527
Elongation at Break	2.0 %	2.0 %	ISO 527
Flexural Strength	295 MPa	42800 psi	ISO 178
Flexural Modulus	10.0 GPa	1450 ksi	ISO 178
Izod Impact, Notched (ISO)	7.00 kJ/m ²	3.33 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	39.0 kJ/m ²	18.6 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	260 °C	500 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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