

SABIC Innovative Plastics LNP THERMOCOMP UX93847 PPA

Category : Polymer , Thermoplastic , Polyphthalamide (PPA)

Material Notes:

LNP* Thermocomp* UX93847 is a compound based on Polyphthalamide resin containing Proprietary Filler(s).

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-UX93847-PPA.php

Physical Properties	Metric	English	Comments
Density	1.57 g/cc	0.0567 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0020 cm/cm @Time 86400 sec	0.0020 in/in @Time 24.0 hour	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	192 MPa	27800 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Tensile Modulus	15.43 GPa	2238 ksi	50 mm/min; ASTM D638
Flexural Strength	296 MPa	42900 psi	ASTM D790
Flexural Modulus	12.84 GPa	1862 ksi	ASTM D790
Izod Impact, Notched	0.740 J/cm	1.39 ft-lb/in	ASTM D256
Izod Impact, Unnotched	7.93 J/cm	14.9 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	266 Å°C @Thickness 3.20 mm	511 Å°F @Thickness 0.126 in	unannealed; ASTM D648

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