

SABIC Innovative Plastics LNP Thermocomp RF008U PA 66 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP* THERMOCOMP* RF008U is a compound based on PA 66 resin containing Glass Fiber. Added features include; UV-Stabilized, Easy Molding. This data was supplied by SABIC-IP for the Europe-Africa-Middle East region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-RF008U-PA-66-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.46 g/cc	0.0527 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0020 - 0.0040 cm/cm	0.0020 - 0.0040 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	189 MPa	27400 psi	5 mm/min; ISO 527
Elongation at Break	2.3 %	2.3 %	5 mm/min; ISO 527
Flexural Strength	276 MPa	40000 psi	2 mm/min; ISO 178
Flexural Modulus	11.0 GPa	1600 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	14.0 kJ/m ² @Temperature 23.0 °C	6.66 ft-lb/in ² @Temperature 73.4 °F	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	70.0 kJ/m ² @Temperature 23.0 °C	33.3 ft-lb/in ² @Temperature 73.4 °F	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	27.0 Åµm/m-Å°C @Temperature 23.0 - 60.0 Å°C	15.0 Åµin/in-Å°F @Temperature 73.4 - 140 Å°F	ISO 11359-2
Deflection Temperature at 1.8 MPa (264 psi)	258 Å°C	496 Å°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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