

SABIC Innovative Plastics LNP Thermocomp MCR13S PP (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

LNP* THERMOCOMP* MCR13S is a compound based on Polypropylene resin containing Carbon Fiber, Barium Sulfate. Added features include: Heat Stabilized. 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-MCR13S-PP-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0020 - 0.0050 cm/cm	0.0020 - 0.0050 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	48.0 MPa	6960 psi	5 mm/min; ISO 527
Elongation at Break	1.0 %	1.0 %	5 mm/min; ISO 527
Flexural Yield Strength	65.0 MPa	9430 psi	2 mm/min; ISO 178
Flexural Modulus	6.30 GPa	914 ksi	2 mm/min; ISO 178
Izod Impact, Unnotched (ISO)	20.0 kJ/m ² @Temperature 23.0 Â°C	9.52 ft-lb/in ² @Temperature 73.4 Â°F	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	131 Â°C	268 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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