

SABIC Innovative Plastics LNP Thermocomp RF0069RS PA 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

LNP THERMOCOMP* RF0069RS is a compound based on Nylon 66 resin containing Glass Fiber, Mold Release, Flame Retardant. Added features of this material include: Easy Release. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-RF0069RS-PA-66.php

Physical Properties	Metric	English	Comments
Density	1.65 g/cc	0.0596 lb/in ³	ASTM D 792
Linear Mold Shrinkage, Flow	0.0020 cm/cm @Time 86400 sec	0.0020 in/in @Time 24.0 hour	ASTM D 955
Linear Mold Shrinkage, Transverse	0.010 cm/cm @Time 86400 sec	0.010 in/in @Time 24.0 hour	ASTM D 955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	170 MPa	24700 psi	ASTM D 638
Elongation at Break	3.0 %	3.0 %	ASTM D 638
Flexural Strength	262 MPa	38000 psi	ASTM D 790
Flexural Modulus	11.58 GPa	1680 ksi	ASTM D 790
Izod Impact, Notched	0.900 J/cm @Temperature 23.0 Â°C	1.69 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	8.01 J/cm @Temperature 23.0 Â°C	15.0 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

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