

**SABIC Innovative Plastics LNP Thermocomp MF0069S PP (Asia Pacific)**

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

LNP\* Thermocomp\* MF0069S is a compound based on Polypropylene resin containing Glass Fiber, Flame Retardant. Added features of this material include: Chemically Coupled, Flame Retardant, Heat Stabilized. This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-Thermocomp-MF0069S-PP-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-MF0069S-PP-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Density	1.46 g/cc	0.0527 lb/in <sup>3</sup>	ASTM D 792
Linear Mold Shrinkage, Flow	0.0060 cm/cm @Time 86400 sec	0.0060 in/in @Time 24.0 hour	ASTM D 955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	71.0 MPa	10300 psi	ASTM D 638
Elongation at Break	1.8 %	1.8 %	ASTM D 638
Tensile Modulus	9.30 GPa	1350 ksi	50 mm/min; ASTM D 638
Flexural Strength	117 MPa	17000 psi	ASTM D 790
Flexural Modulus	8.12 GPa	1180 ksi	ASTM D 790
Izod Impact, Notched	0.740 J/cm @Temperature 23.0 Â°C	1.39 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	4.66 J/cm @Temperature 23.0 Â°C	8.73 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	146 Â°C @Thickness 3.20 mm	295 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

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