

## SABIC Innovative Plastics LNP COLORCOMP M1000S PP

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

LNP COLORCOMP\* M1000S is an unfilled Polypropylene resin. Added features of this material include: Heat Stabilized.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-COLORCOMP-M1000S-PP.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-COLORCOMP-M1000S-PP.php)

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in <sup>3</sup>	ISO 1183
	1.13 g/cc	0.0408 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage, Flow	0.0151 - 0.0167 cm/cm	0.0151 - 0.0167 in/in	ISO 294
	@Time 86400 sec	@Time 24.0 hour	
	0.015 - 0.017 cm/cm	0.015 - 0.017 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Transverse	0.0151 - 0.0167 cm/cm	0.0151 - 0.0167 in/in	ISO 294
	@Time 86400 sec	@Time 24.0 hour	
	0.015 - 0.017 cm/cm	0.015 - 0.017 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	26.0 MPa	3770 psi	ISO 527
Tensile Strength, Yield	28.0 MPa	4060 psi	ISO 527
Elongation at Break	40 %	40 %	ISO 527
Elongation at Yield	7.0 %	7.0 %	ISO 527
Tensile Modulus	2.16 GPa	313 ksi	1 mm/min; ISO 527
Flexural Strength	40.0 MPa	5800 psi	ISO 178
Flexural Modulus	1.80 GPa	261 ksi	ISO 178
Izod Impact, Notched (ISO)	3.00 kJ/m <sup>2</sup>	1.43 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	130 °C	266 °F	Flatw 80*10*4 sp=64mm; ISO 75/Bf

Deflection Temperature at 1.8 MPa  
Thermal Properties  
(104 psi)

94.0 °C  
Metric

201 °F  
English

Flatw 80\*10\*4 sp=64mm; ISO 75/Af  
Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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