

SABIC Innovative Plastics LNP THERMOCOMP MX95319 PP

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

LNP* THERMOCOMP* MX95319 is a compound based on Polypropylene resin containing Proprietary Filler(s).

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-MX95319-PP.php

| Physical Properties | Metric | English | Comments |
|-----------------------------------|-----------------|---------------------------|-----------|
| Density | 1.04 g/cc | 0.0376 lb/in ³ | ASTM D792 |
| Linear Mold Shrinkage, Flow | 0.0040 cm/cm | 0.0040 in/in | ASTM D955 |
| | @Time 86400 sec | @Time 24.0 hour | |
| Linear Mold Shrinkage, Transverse | 0.010 cm/cm | 0.010 in/in | ASTM D955 |
| | @Time 86400 sec | @Time 24.0 hour | |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|------------|----------------|------------|
| Tensile Strength at Break | 66.0 MPa | 9570 psi | ASTM D638 |
| Elongation at Break | 3.1 % | 3.1 % | ASTM D638 |
| Flexural Strength | 103 MPa | 14900 psi | ASTM D790 |
| Flexural Modulus | 4.13 GPa | 599 ksi | ASTM D790 |
| Izod Impact, Notched | 0.420 J/cm | 0.787 ft-lb/in | ASTM D256 |
| Izod Impact, Unnotched | 5.34 J/cm | 10.0 ft-lb/in | ASTM D4812 |

| Thermal Properties | Metric | English | Comments |
|--|--------------------|---------------------|-----------------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 145 Â°C | 293 Â°F | unannealed; ASTM D648 |
| | @Thickness 3.20 mm | @Thickness 0.126 in | |

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