

SABIC Innovative Plastics LNP THERMOTUF MX00619 PP (Asia Pacific)

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

LNP* Thermotuf* MX00619 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-THERMOTUF-MX00619-PP-Asia-Pacific.php

| Physical Properties | Metric | English | Comments |
|-----------------------------|-----------------|---------------------------|-----------|
| Density | 0.990 g/cc | 0.0358 lb/in ³ | ASTM D792 |
| Linear Mold Shrinkage, Flow | 0.0020 cm/cm | 0.0020 in/in | ASTM D955 |
| | @Time 86400 sec | @Time 24.0 hour | |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|------------|---------------|----------------------|
| Tensile Strength at Break | 37.0 MPa | 5370 psi | ASTM D638 |
| Elongation at Break | 2.6 % | 2.6 % | ASTM D638 |
| Tensile Modulus | 3.137 GPa | 455.0 ksi | 50 mm/min; ASTM D638 |
| Flexural Strength | 55.0 MPa | 7980 psi | ASTM D790 |
| Flexural Modulus | 2.81 GPa | 408 ksi | ASTM D790 |
| Izod Impact, Notched | 0.900 J/cm | 1.69 ft-lb/in | ASTM D256 |
| Izod Impact, Unnotched | 3.36 J/cm | 6.29 ft-lb/in | ASTM D4812 |

| Thermal Properties | Metric | English | Comments |
|--|--------------------|---------------------|-----------------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 137 °C | 279 °F | unannealed; ASTM D648 |
| | @Thickness 3.20 mm | @Thickness 0.126 in | |

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