

LATI Latiohm 66-07 PD08 G/30 PA66, 30% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

Semiconductive/dissipative product based on Polyamide 66 (PA66). Glass fibers. Availability: Africa & Middle East; Asia Pacific; Europe; Latin America; North America
Information provided by Lati Industria Termoplastici S.p.A.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LATI-Latiohm-66-07-PD08-G30-PA66-30-Glass-Fiber-Reinforced.php

| Physical Properties | Metric | English | Comments |
|-----------------------------------|-----------------------|---------------------------|----------|
| Density | 1.42 g/cc | 0.0513 lb/in ³ | |
| Linear Mold Shrinkage, Flow | 0.0020 - 0.0050 cm/cm | 0.0020 - 0.0050 in/in | |
| Linear Mold Shrinkage, Transverse | 0.0070 - 0.010 cm/cm | 0.0070 - 0.010 in/in | |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|-------------------------|----------------------------|----------|
| Tensile Strength at Break | 200 MPa | 29000 psi | |
| Elongation at Break | 2.0 % | 2.0 % | |
| Tensile Modulus | 15.0 GPa | 2180 ksi | |
| Charpy Impact Unnotched | 6.50 J/cm ² | 30.9 ft-lb/in ² | |
| Charpy Impact, Notched | 0.800 J/cm ² | 3.81 ft-lb/in ² | |

| Thermal Properties | Metric | English | Comments |
|---|--------------------------|--------------------------|----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 260 Â°C | 500 Â°F | |
| Deflection Temperature at 1.8 MPa (264 psi) | 250 Â°C | 482 Â°F | |
| Vicat Softening Point | 250 Â°C @Load 5.00 kg | 482 Â°F @Load 11.0 lb | |

| Electrical Properties | Metric | English | Comments |
|-----------------------|----------|----------|----------|
| Surface Resistance | 1500 ohm | 1500 ohm | |

| Processing Properties | Metric | English | Comments |
|-----------------------|----------------|---------------|----------|
| Melt Temperature | 275 - 300 Â°C | 527 - 572 Â°F | |
| Mold Temperature | 80.0 - 100 Â°C | 176 - 212 Â°F | |

| Processing Properties | 90.0 - 100.0 °C Metric | 194 - 212 °F English | Comments |
|-----------------------|---------------------------|-------------------------|----------|
| | @Time 10800 sec | @Time 3.00 hour | |

| Descriptive Properties | Value | Comments |
|--------------------------|--------|----------|
| ISO Shrinkage - Pressure | 60 MPa | |

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