

LATI Latistat 63-08 PA6, Impact Modified

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Impact Grade

Material Notes:

Dissipative product based on Polyamide 6 (PA6), impact modified. Unfilled. 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-Latistat-63-08-PA6-Impact-Modified.php

| Physical Properties | Metric | English | Comments |
|-----------------------------------|-----------------------|---------------------------|----------|
| Density | 1.12 g/cc | 0.0405 lb/in ³ | |
| Linear Mold Shrinkage, Flow | 0.0115 - 0.0145 cm/cm | 0.0115 - 0.0145 in/in | |
| Linear Mold Shrinkage, Transverse | 0.0125 - 0.015 cm/cm | 0.0125 - 0.015 in/in | |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|------------------------|----------------------------|----------|
| Tensile Strength at Break | 40.0 MPa | 5800 psi | |
| Elongation at Break | 80 % | 80 % | |
| Elongation at Yield | 3.0 % | 3.0 % | |
| Tensile Modulus | 2.20 GPa | 319 ksi | |
| Charpy Impact Unnotched | NB | NB | |
| Charpy Impact, Notched | 5.00 J/cm ² | 23.8 ft-lb/in ² | |

| Thermal Properties | Metric | English | Comments |
|---|--------------------------|--------------------------|----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 135 Â°C | 275 Â°F | |
| Deflection Temperature at 1.8 MPa (264 psi) | 60.0 Â°C | 140 Â°F | |
| Vicat Softening Point | 170 Â°C @Load 5.00 kg | 338 Â°F @Load 11.0 lb | |

| Electrical Properties | Metric | English | Comments |
|-----------------------|-------------|-------------|----------|
| Surface Resistance | 1.50e+8 ohm | 1.50e+8 ohm | |

| Processing Properties | Metric | English | Comments |
|-----------------------|---------------|---------------|----------|
| Melt Temperature | 230 - 250 Â°C | 446 - 482 Â°F | |

| Mold Temperature Processing Properties | 60.0 - 70.0 Å°C Metric | 140 - 158 Å°F English | Comments |
|---|-----------------------------------|----------------------------------|----------|
| Drying Temperature | 90.0 - 100 Å°C @Time 10800 sec | 194 - 212 Å°F @Time 3.00 hour | |

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

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