

LATAMID 66 H2 K/40

PA66-CF

LATI Industria Termoplastici S.p.A.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|------------------|-------------------|----------------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.2 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 0.6 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 27000 | MPa | ISO 527 |
| Stress at break | 250 | MPa | ISO 527 |
| Strain at break | 1.5 | % | ISO 527 |
| Charpy impact strength, +23°C | 50 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 8 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 255 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 260 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 255 | °C | ISO 306 |
| Coeff. of linear therm. expansion, parallel | 10 | E-6/K | ISO 11359-1/-2 |
| Electrical properties | | | |
| ASTM Data | | | |
| Surface Resistivity | 100 | Ohm | ASTM D 257 |
| Volume Resistivity | 1000 | Ohm*cm | ASTM D 257 |
| Other properties | | | |
| Density | 1320 | kg/m ³ | ISO 1183 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 90 - 100 | °C | - |
| Pre-drying - Time | 3 | h | - |
| Melt temperature | 280 - 300 | °C | - |
| Mold temperature | 80 - 100 | °C | - |

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Special Characteristics

Heat stabilized or stable to heat