

LATAMID 66 H2 G/30

PA66-GF

LATI Industria Termoplastici S.p.A.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.5 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 0.9 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 9400 | MPa | ISO 527 |
| Stress at break | 185 | MPa | ISO 527 |
| Strain at break | 3.2 | % | ISO 527 |
| Charpy impact strength, +23°C | 85 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 10 | kJ/m ² | ISO 179/1eA |

| Thermal properties | Value | Unit | Test Standard |
|---|--------------|-------------|----------------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 245 | °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 | 45 | E-6/K | ISO 11359-1/-2 |

| Electrical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Surface Resistivity | 1E12 | Ohm | ASTM D 257 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1360 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 90 - 100 | °C | - |
| Pre-drying - Time | 3 | h | - |
| Melt temperature | 275 - 300 | °C | - |
| Mold temperature | 80 - 100 | °C | - |

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Special Characteristics

Heat stabilized or stable to heat