

SLOVAMID®6 GF 50

PA6-GF50

Plastcom, spol. s r.o.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--------------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Melt flow index, MFI | 1 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |
| Molding shrinkage, parallel | 0.4 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 1.2 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 14500 | MPa | ISO 527 |
| Tensile Strength | 210 | MPa | ISO 527 |
| Flexural modulus, 23°C | 12500 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 95 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 18 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| ISO Data | | | |
| Melting temperature, 10°C/min | 220 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 210 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 210 | °C | ISO 306 |
| Burning behav. at thickness h | HB | class | IEC 60695-11-10 |
| Electrical properties | | | |
| ISO Data | | | |
| Electric strength | 40 | kV/mm | IEC 60243-1 |
| Comparative tracking index | 575 | - | IEC 60112 |
| Other properties | | | |
| Density | 1550 | kg/m ³ | ISO 1183 |
| Moisture Content | 0.15 | % | - |

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe