

SLOVAMID®66 FRC 3

PA66

Plastcom, spol. s r.o.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Melt flow index, MFI | 4 | g/10min | ISO 1133 |
| Temperature | 275 | °C | - |
| Load | 0.325 | kg | - |
| Molding shrinkage, parallel | 1.8 | % | ISO 294-4, 2577 |
| Molding shrinkage, normal | 1.9 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Modulus | 3200 | MPa | ISO 527 |
| Tensile Strength | 80 | MPa | ISO 527 |
| Flexural modulus, 23°C | 2700 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 100 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 2 | kJ/m ² | ISO 179/1eA |

| Thermal properties | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 260 | °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.80 MPa | 68 | °C | ISO 75-1/-2 |
| Vicat softening temperature, B | 250 | °C | ISO 306 |
| Burning behav. at thickness h | V-0 | class | IEC 60695-11-10 |
| Thickness tested | 0.8 | mm | - |

| Electrical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| Electric strength | 30 | kV/mm | IEC 60243-1 |
| Comparative tracking index | 600 | - | IEC 60112 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1160 | kg/m ³ | ISO 1183 |
| Moisture Content | 0.15 | % | - |

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

Flame retardant

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe