

SLOVAMID®66 GF 35 FRG 5

PA66-GF35

Plastcom, spol. s r.o.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1	g/10min	ISO 1133
Temperature	275	°C	-
Load	0.325	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Molding shrinkage, normal	1.0	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	10500	MPa	ISO 527
Tensile Strength	175	MPa	ISO 527
Flexural modulus, 23°C	9800	MPa	ISO 178
Charpy impact strength, +23°C	75	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	15	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	260	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	240	°C	ISO 75-1/-2
Vicat softening temperature, B	250	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Electrical properties			
ISO Data			
Electric strength	70	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112
Other properties			
Density	1370	kg/m ³	ISO 1183
Moisture Content	0.15	%	-

Characteristics**Processing**

Injection Molding

Delivery form

Black, Natural Color

Additives

Flame retarding agent

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Applications

Electrical and Electronical

Regional Availability

Europe