SLOVAMID®66 GF 25 FRI 3 TS

PA66-GF25 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	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**6500**	MPa	ISO 527
Tensile Strength	**135**	MPa	ISO 527
Flexural modulus, 23°C	**5700**	MPa	ISO 178
Charpy impact strength, +23°C	**50**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**8**	kJ/m²	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	**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	Value	Unit	Test Standard
ISO Data			
Electric strength	**70**	kV/mm	IEC 60243-1
Comparative tracking index	**550**	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	**1340**	kg/m³	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

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