

**SLOVAMID®6 NG GF 45 SGF**

PA6-GF45

Plastcom, spol. s r.o.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>4</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
Molding shrinkage, parallel	<b>0.6</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>0.8</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>14500</b>	MPa	ISO 527
Tensile Strength	<b>195</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>12800</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>85</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>17</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>220</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>210</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>210</b>	°C	ISO 306
Burning behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10
<b>Other properties</b>			
Density	<b>1490</b>	kg/m <sup>3</sup>	ISO 1183
Moisture Content	<b>0.15</b>	%	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Natural Color

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Europe