

## Plastcom SLOVAMID 6 GF 15 T 25 LTS PA6, 15% glass fibre, 25% mineral filling

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Glass/Mineral Reinforced

### Material Notes:

Features Good anisotropy of the manufacturing shrinkage. The talc is added to get the material shrinkage identical in both directions.  
Application for flat products in disc form /no screw after cooling off/ and for thick-walled products, at which the protection against the material failure is guaranteed. Delivered in natural and in the full RAL colour scale. Packaging, transport, stocking The product is packed in hermetically closed thick-walled 25 kg PE bags, on a 1.000 kg palette coated in a stretch foil, in big bags with a thick PE foil fixed on a 1.000 kg palette, in paper octabins with a thick PE foil fixed on a 1.000 kg palette or in other packaging according to customer requirements. The transport is provided in closed-up vehicles where the material is protected against movement and mechanical damage. The product requires stocking in closed-up, dry places protected against sun and thermal radiation. Information Provided by Plastcom spol. s r.o.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Plastcom-SLOVAMID-6-GF-15-T-25-LTS-PA6-15-glass-fibre-25-mineral-filling.php](http://www.lookpolymers.com/polymer_Plastcom-SLOVAMID-6-GF-15-T-25-LTS-PA6-15-glass-fibre-25-mineral-filling.php)

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in <sup>3</sup>	
Viscosity Measurement	0.64 - 0.71	0.64 - 0.71	
Linear Mold Shrinkage	0.0064 cm/cm	0.0064 in/in	
Linear Mold Shrinkage, Transverse	0.0071 cm/cm	0.0071 in/in	
Melt Flow	3.0 g/10 min @Load 0.325 kg, Temperature 270 °C	3.0 g/10 min @Load 0.716 lb, Temperature 518 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	120 MPa	17400 psi	
Elongation at Break	2.0 %	2.0 %	
Tensile Modulus	8.20 GPa	1190 ksi	
Flexural Strength	190 MPa	27600 psi	
Flexural Modulus	7.30 GPa	1060 ksi	
Charpy Impact Unnotched	4.50 J/cm <sup>2</sup> @Temperature -20.0 °C	21.4 ft-lb/in <sup>2</sup> @Temperature -4.00 °F	
	5.00 J/cm <sup>2</sup> @Temperature 23.0 °C	23.8 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	
Charpy Impact, Notched	0.300 J/cm <sup>2</sup>	1.43 ft-lb/in <sup>2</sup>	

Mechanical Properties	@Temperature -20.0 °C Metric	@Temperature -4.00 °F English	Comments
	0.500 J/cm <sup>2</sup>	2.38 ft-lb/in <sup>2</sup>	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	
Deflection Temperature at 1.8 MPa (264 psi)	200 °C	392 °F	
Vicat Softening Point	200 °C	392 °F	B
Flammability, UL94	HB	HB	
Glow Wire Test	650 °C	1200 °F	

Processing Properties	Metric	English	Comments
Melt Temperature	250 - 280 °C	482 - 536 °F	
Mold Temperature	70.0 - 90.0 °C	158 - 194 °F	
Drying Temperature	80.0 °C	176 °F	
Dry Time	4 hour	4 hour	
Moisture Content	0.15 %	0.15 %	
Injection Pressure	70.0 - 120 MPa	10200 - 17400 psi	

## Contact Songhan Plastic Technology Co.,Ltd.

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