

Product Texts

Base Polymer	Polyamide 66
Filler/Additive System	25 % glass beads,15 % glass fibres
Special Features	heat stabilised,high stiffness,improved surface appearance,easy release (demoulding),low warpage
Market Segment	Automotive,Machinery
Typical Applications	housings

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	8100 / -	MPa	ISO 527
[C] Charpy impact strength, +23°C	33 / -	kJ/m ²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	5 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	243 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	1450 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific, Near East/Africa

Other text information**Injection molding**

Pre-Drying Conditions	80 °C in a dry air (dessiccant) dryer for 8-12 h dependant on moisture content
Processing Injection Moulding	melt temperature 285-310 °C mould temperature 80-120 °C
Storage	dry, protected from light not above 30°C