

Product Texts

Base Polymer	Polyamide 6
Filler/Additive System	25 % glass fibres
Special Features	easy release (demoulding),easy flow
Typical Applications	housings,various

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	7800	MPa	ISO 527
^[C] Stress at break	150	MPa	ISO 527
^[C] Strain at break	3	%	ISO 527
^[C] Charpy impact strength, +23°C	55	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	8	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	210	°C	ISO 75-1/-2
^[C] Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Yellow Card available	yes	-	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1310	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Other text information**Injection molding**

Pre-Drying Conditions	80 °C in a dry air (dessiccant) dryer for 2-12 h dependant on moisture content max. moisture content <0,15 %
Processing Injection Moulding	melt temperature 270-290 °C mould temperature 80-100 °C
Storage	dry, protected from light not above 30°C