

Product Texts

Base Polymer	Polyamide 6
Filler/Additive System	35 % glass fibres
Special Features	heat stabilised,easy release (demoulding),injection moulding grade
Application Area	Automotive,Machinery,electrical and electronic

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	10300 / 6800	MPa	ISO 527
^[C] Stress at break	170 / 115	MPa	ISO 527
^[C] Strain at break	3.3 / 5.5	%	ISO 527
^[C] Charpy impact strength, +23°C	90 / 95	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	13 / 20	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	213 / *	°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	dry / cond	Unit	Test Standard
^[C] Density	1400 / -	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

Special Characteristics

Heat stabilized or stable to heat

Other text information**Injection molding**

Pre-Drying Conditions in a dry air (dessiccant) dryer <80 °C for 2-12 h dependant on moisture content

Processing Injection Moulding melt temperature 270-290 °C
mould temperature 80-100 °C

Storage dry, protected from light
not above 30°C