

Product Texts

Base Polymer	Polyamide 6
Filler/Additive System	30 % glass fibres
Special Features	fast solidifying
Market Segment	various
Application Area	various

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	9200 / 5500	MPa	ISO 527
[C] Stress at break	155 / 110	MPa	ISO 527
[C] Strain at break	3 / 5	%	ISO 527
[C] Charpy impact strength, +23°C	80 / -	kJ/m ²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	11 / 17	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	208 / *	°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	1370 / -	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 in a dry air (dessiccant) dryer <80 °C
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