

Product Texts

Base Polymer	Polyamide 6
Filler/Additive System	30 % glass fibres
Special Features	heat stabilised,easy release (demoulding)
Market Segment	electrical and electronic,building and construction,sport and leisure,food processing industry
Application Area	injection moulded parts

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	9300 / 5800	MPa	ISO 527
^[C] Stress at break	165 / 105	MPa	ISO 527
^[C] Strain at break	3.4 / 6	%	ISO 527
^[C] Charpy impact strength, +23°C	75 / 90	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	10 / 18	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	215 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1360 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

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

Certifications

Food contact

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 <0,12 %
Processing Injection Moulding	melt temperature 270-290 °C mould temperature 80-100 °C
Storage	dry, protected from light