

Product Texts

Base Polymer	Polyamide 6
Filler/Additive System	30 % glass fibres
Special Features	heat stabilised, impact modified, UV stabilised
Market Segment	Machinery, electrical and electronic
Application Area	various

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	8700 / -	MPa	ISO 527
^[C] Stress at break	140 / -	MPa	ISO 527
^[C] Strain at break	3.7 / -	%	ISO 527
^[C] Charpy impact strength, +23°C	85 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	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	210 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1330 / -	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

High impact or impact modified, U.V. stabilized or stable to weather

Other text information**Injection molding**

Pre-Drying Conditions in a dry air (dessiccant) dryer 0-80 °C
for 1-12 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