

Product Texts

Base Polymer	Polyamide 6
Filler/Additive System	30 % glass fibres
Special Features	impact modified, injection moulding grade, heat stabilised, contains recycled material
Typical Applications	housings

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	5000	MPa	ISO 527
^[C] Stress at break	125	MPa	ISO 527
^[C] Strain at break	4.8	%	ISO 527
^[C] Charpy impact strength, +23°C	54	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	9	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	205	°C	ISO 75-1/-2
^[C] Burning Behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1320	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Certifications

Recycled Resin Content

Special Characteristics

High impact or impact modified

Regional Availability

North America, Europe, Asia Pacific, 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

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

Storage dry, protected from light