

Product Texts

Base Polymer	Polycarbonate
Filler/Additive System	20 % glass fibres
Special Features	heat stabilised, injection moulding grade, easy release (demoulding)
Market Segment	various
Application Area	various

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	19	cm ³ /10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-

[C]: CAMPUS

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	4400	MPa	ISO 527
^[C] Stress at break	70	MPa	ISO 527
^[C] Strain at break	3.3	%	ISO 527
^[C] Charpy impact strength, +23°C	45	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	4	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	138	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	145	°C	ISO 306
^[C] Burning Behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.5	mm	-

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Density	1330	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

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

Other text information**Injection molding**

Pre-Drying Conditions 120 °C in a dry air (dessiccant) dryer
for 2-4 h
dependant on moisture content
max. moisture content <0,02 %

Processing Injection Moulding melt temperature 310-330 °C
mould temperature 80-130 °C

Storage dry, protected from light