

Product Texts

Base Polymer	Polybutylene Terephthalate
Filler/Additive System	20 % glass fibres
Special Features	flame retardant, easy flow, heat stabilised
Application Area	electrical and electronic (E&E)
Typical Applications	injection moulded parts

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	6900	MPa	ISO 527
^[C] Stress at break	90	MPa	ISO 527
^[C] Strain at break	3.5	%	ISO 527
^[C] Charpy impact strength, +23°C	60	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	11	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] Vicat softening temperature, B	210	°C	ISO 306
^[C] Burning Behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Density	1570	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

Flame retardant

Other text information**Injection molding**

Pre-Drying Conditions in a dry air (desiccant) dryer 100-120 °C
 for 2-4 h
 in an air circulating dryer 100-120 °C
 for 4-8 h
 dependant on moisture content

Processing Injection Moulding melt temperature 250-270 °C
 mould temperature 80-120 °C

Storage dry, protected from light