

Product Texts

Base Polymer	Polycarbonate
Filler/Additive System	UV stabilised, impact modified
Typical Applications	various

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	30	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	2300	MPa	ISO 527
^[C] Yield stress	59	MPa	ISO 527
^[C] Yield strain	5.5	%	ISO 527
^[C] Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	50	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	130	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	140	°C	ISO 306

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Density	1200	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific, 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 120 °C in a dry air (desiccant) dryer
 for 2-3 h
 in an air circulating dryer 100-120 °C
 for 4-12 h
 dependant on moisture content
 max. moisture content <0,02 %

Processing Injection Moulding melt temperature 280-300 °C
 mould temperature 80-100 °C

Storage dry, protected from light