

Product Texts

Base Polymer	Polycarbonate
Filler/Additive System	release agent
Special Features	UV stabilised
Typical Applications	sport and leisure, various

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	13	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	2400	MPa	ISO 527
^[C] Yield stress	62	MPa	ISO 527
^[C] Yield strain	6	%	ISO 527
^[C] Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	12	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	131	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	144	°C	ISO 306
^[C] Burning Behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Density	1210	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

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

Special Characteristics

U.V. stabilized or stable to weather

Other text information**Injection molding**

Pre-Drying Conditions 120 °C in a dry air (dessiccant) dryer
for 3-4 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 270-310 °C
mould temperature 80-110 °C

Storage dry, protected from light