

Product Texts

Base Polymer	Polycarbonate
Filler/Additive System	laser optimisation
Special Features	easy release (demoulding),good flow,processing stabilised,injection moulding grade,laser absorbing
Market Segment	Automotive,electrical and electronic
Application Area	lighting,electrical components
Typical Applications	reflectors

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2700	MPa	ISO 527
^[C] Yield stress	65	MPa	ISO 527
^[C] Yield strain	5.1	%	ISO 527
^[C] Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	6.5	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	125	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	137	°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	1270	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

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

Delivery form

White

Other text information**Injection molding**

Pre-Drying Conditions	120 °C in a dry air (dessiccant) dryer for 2-3 h 120 °C in an air circulating dryer 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