


TEREZ PC 9005 GF 10 FL HF LS

PC

Ter Plastics

Product Texts

Flame retardant Polycarbonate, medium flowability, 10% glassfibre reinforced, outstanding laser weldability.
 For injection moulding parts with increased demand of stiffness.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12	g/10min	ISO 1133
MFI temperature	300	°C	ISO 1133
MFI load	1.2	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	3500	MPa	ISO 527-1/-2
Yield stress	70	MPa	ISO 527-1/-2
Yield strain	5	%	ISO 527-1/-2
Stress at break	65	MPa	ISO 527-1/-2
Strain at break	17	%	ISO 527-1/-2
Charpy impact strength (+23°C)	35	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	8	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Vicat softening temperature, 50°C/h 50N	150	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Other properties			
ISO Data			
Density	1300	kg/m ³	ISO 1183

Characteristics
Special Characteristics

Flame retardant, Light stabilized or stable to light