



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

Value

Unit

Test Standard

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

Value

Unit

Test Standard

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

Value

Unit

Test Standard

ISO Data

Density	1300	kg/m ³	ISO 1183
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Characteristics

Special Characteristics

Flame retardant, Light stabilized or stable to light