



TEREZ PC 9005 GF 10 FL UV

PC

Ter Plastics

Product Texts

PC with 10 % glass fibre reinforcement as well as flame retardant and increased uv-resistance.
For all kind of injection moulded parts.

Rheological properties

ISO Data	Value	Unit	Test Standard
Melt flow index, MFI	10	g/10min	ISO 1133
MFI temperature	300	°C	ISO 1133
MFI load	1.2	kg	ISO 1133

Mechanical properties

ISO Data	Value	Unit	Test Standard
Tensile Modulus	3600	MPa	ISO 527-1/-2
Yield stress	68	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Strain at break	10	%	ISO 527-1/-2
Charpy impact strength (+23°C)	50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	8	kJ/m ²	ISO 179/1eA

Thermal properties

ISO Data	Value	Unit	Test Standard
Temp. of deflection under load (1.80 MPa)	140	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	145	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	145	°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

Electrical properties

ISO Data	Value	Unit	Test Standard
Comparative tracking index	175	-	IEC 60112

Other properties

ISO Data	Value	Unit	Test Standard
Density	1260	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Flame retardant, Light stabilized or stable to light