



TEREZ PC 9005 GF 25

PC

Ter Plastics

Product Texts

Polycarbonate medium flowability with 25% glass fiber

For all kind of injection molding parts increased requirements of rigidity

Rheological properties	Value	Unit	Test Standard
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ISO Data

Melt flow index, MFI	13	g/10min	ISO 1133
MFI temperature	300	°C	ISO 1133
MFI load	1.2	kg	ISO 1133

Mechanical properties	Value	Unit	Test Standard
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ISO Data

Tensile Modulus	5850	MPa	ISO 527-1/-2
Tensile Strength	90	MPa	ISO 527-1/-2
Yield stress	95	MPa	ISO 527-1/-2
Yield strain	2	%	ISO 527-1/-2
Stress at break	80	MPa	ISO 527-1/-2
Strain at break	2.5	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	10	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
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ISO Data

Temp. of deflection under load (1.80 MPa)	147	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	150	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10

Other properties	Value	Unit	Test Standard
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ISO Data

Water absorption	0.25	%	Sim. to ISO 62
Density	1370	kg/m ³	ISO 1183