



## TEREZ PC 9005 GF 20 FL

PC

Ter Plastics

## Product Texts

Polycarbonate medium flowability with 20% glass fiber and flame retardants  
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	7	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	6300	MPa	ISO 527-1/-2
Tensile Strength	110	MPa	ISO 527-1/-2
Yield stress	90	MPa	ISO 527-1/-2
Strain at break	4	%	ISO 527-1/-2
Charpy impact strength (+23°C)	35	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	10	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
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## ISO Data

Temp. of deflection under load (1.80 MPa)	130	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	145	°C	ISO 75-1/-2
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	Value	Unit	Test Standard
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## ISO Data

Volume resistivity	1E15	Ohm*m	IEC 60093
Surface resistivity	1E13	Ohm	IEC 60093
Comparative tracking index	175	-	IEC 60112

Other properties	Value	Unit	Test Standard
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## ISO Data

Density	1330	kg/m <sup>3</sup>	ISO 1183
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