

**TEREZ PC 1007 GF 10**

PC

Ter Plastics

**Product Texts**

Polycarbonate, 10% glassfiber reinforced with release agent. Medium to high flowability.

Suitable for manufacturing of stiffer, thinwalled injection moulding parts.

<b>Rheological properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
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**ISO Data**

Melt flow index, MFI	12	g/10min	ISO 1133
MFI temperature	300	°C	ISO 1133
MFI load	1.2	kg	ISO 1133

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
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**ISO Data**

Tensile Modulus	4000	MPa	ISO 527-1/-2
Yield stress	60	MPa	ISO 527-1/-2
Yield strain	5	%	ISO 527-1/-2
Strain at break	15	%	ISO 527-1/-2
Charpy impact strength (+23°C)	45	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	9	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
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**ISO Data**

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

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
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**ISO Data**

Water absorption	0.31	%	Sim. to ISO 62
Density	1250	kg/m <sup>3</sup>	ISO 1183