

**TEREZ POM 8005 GF 10**

POM

Ter Plastics

**Product Texts**

Injection molding grade with 10% glass fibre reinforced.  
For molding parts with high stiffness and strength.

**Rheological properties****ISO Data**

	Value	Unit	Test Standard
Melt flow index, MFI	7	g/10min	ISO 1133
MFI temperature	190	°C	ISO 1133
MFI load	2.16	kg	ISO 1133

**Mechanical properties****ISO Data**

	Value	Unit	Test Standard
Tensile Modulus	5100	MPa	ISO 527-1/-2
Tensile Strength	90	MPa	ISO 527-1/-2
Strain at break	3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	35	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	3.5	kJ/m <sup>2</sup>	ISO 179/1eA

**Thermal properties****ISO Data**

	Value	Unit	Test Standard
Temp. of deflection under load (1.80 MPa)	160	°C	ISO 75-1/-2
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****ISO Data**

	Value	Unit	Test Standard
Humidity absorption	0.17	%	Sim. to ISO 62
Density	1490	kg/m <sup>3</sup>	ISO 1183