


TEREZ POM 8005 GF 20

POM

Ter Plastics

Product Texts

Standard grade 20% glass fibre reinforced.
 For moulding parts with higher stiffness and better mechanical strength.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	6.5	g/10min	ISO 1133
MFI temperature	190	°C	ISO 1133
MFI load	2.16	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	8000	MPa	ISO 527-1/-2
Tensile Strength	105	MPa	ISO 527-1/-2
Strain at break	2	%	ISO 527-1/-2
Charpy impact strength (+23°C)	35	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5.5	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	6600	MPa	ISO 178
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	160	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	155	°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			
ISO Data			
Water absorption	0.8	%	Sim. to ISO 62
Density	1550	kg/m ³	ISO 1183