


TEREZ POM 8005 GK 30

POM

Ter Plastics

Product Texts

 Injection moulding grade, 30% glass beads reinforced.
 Suitable for injection moulding.

Rheological properties	Value	Unit	Test Standard
ISO Data			
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			
Tensile Modulus	4000	MPa	ISO 527-1/-2
Tensile Strength	45	MPa	ISO 527-1/-2
Strain at break	7	%	ISO 527-1/-2
Charpy impact strength (+23°C)	20	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	2	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	3700	MPa	ISO 178
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	125	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	155	°C	ISO 306
Other properties			
ISO Data			
Water absorption	0.8	%	Sim. to ISO 62
Humidity absorption	0.15	%	Sim. to ISO 62
Density	1590	kg/m ³	ISO 1183