


TEREZ POM 8705

POM

Ter Plastics

Product Texts

 Standard type with medium viscosity, high impact strength and high damping capacity.
 For injection moulding grades.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8	g/10min	ISO 1133
MFI temperature	190	°C	ISO 1133
MFI load	2.16	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	1600	MPa	ISO 527-1/-2
Yield stress	40	MPa	ISO 527-1/-2
Yield strain	15	%	ISO 527-1/-2
Strain at break	60	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	15	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	75	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	120	°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			
Humidity absorption	0.3	%	Sim. to ISO 62
Density	1360	kg/m ³	ISO 1183