


TEREZ POM 8005 M

POM

Ter Plastics

Product Texts

Tribological modified grade with molybdenum disulphide.
 For injection moulded parts with enhanced anti-friction properties.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8.6	g/10min	ISO 1133
MFI temperature	190	°C	ISO 1133
MFI load	2.16	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	2700	MPa	ISO 527-1/-2
Yield stress	62	MPa	ISO 527-1/-2
Yield strain	9.5	%	ISO 527-1/-2
Strain at break	25	%	ISO 527-1/-2
Charpy impact strength (+23°C)	90	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5	kJ/m ²	ISO 179/1eA
Flexural modulus (23°C)	2500	MPa	ISO 178
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	113	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	148	°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	0.2	%	Sim. to ISO 62
Density	1420	kg/m ³	ISO 1183