



TEREZ POM 8005 UV

POM

Ter Plastics

Product Texts

Medium viscosity standard grade, UV stabilized, for moulding parts of all kind. (reduced Plate out)
Wheels, rollers applications, clips, fasteners, nuts and screws, bearings and clutch parts.

Rheological properties

ISO Data	Value	Unit	Test Standard
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	Value	Unit	Test Standard
Tensile Modulus	2600	MPa	ISO 527-1/-2
Tensile Strength	55	MPa	ISO 527-1/-2
Yield strain	9.5	%	ISO 527-1/-2
Strain at break	45	%	ISO 527-1/-2
Charpy impact strength (+23°C)	150	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5	kJ/m ²	ISO 179/1eA

Thermal properties

ISO Data	Value	Unit	Test Standard
Temp. of deflection under load (1.80 MPa)	105	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	145	°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	Value	Unit	Test Standard
Humidity absorption	0.2	%	Sim. to ISO 62
Density	1410	kg/m ³	ISO 1183