



TEREZ POM 8005 ER			
POM		Ter Plastics	
Product Texts			
Medium viscosity standard grade for moulding parts of all kind. Reduced Plate out and reduced emission Wheels, clips, fasteners, nuts and screws, bearings and clutch parts.			
Rheological properties		Value	Unit
ISO Data			
Melt flow index, MFI	9	g/10min	ISO 1133
MFI temperature	190	°C	ISO 1133
MFI load	2.16	kg	ISO 1133
Mechanical properties		Value	Unit
ISO Data			
Tensile Modulus	2800	MPa	ISO 527-1/-2
Tensile Strength	62	MPa	ISO 527-1/-2
Yield strain	10	%	ISO 527-1/-2
Strain at break	50	%	ISO 527-1/-2
Charpy impact strength (+23°C)	200	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	6	kJ/m ²	ISO 179/1eA
Thermal properties		Value	Unit
ISO Data			
Temp. of deflection under load (1.80 MPa)	115	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	150	°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		Value	Unit
ISO Data			
Humidity absorption	0.2	%	Sim. to ISO 62
Density	1410	kg/m ³	ISO 1183