

TEREZ POM 8005

Acetal (POM) Copolymer

TER HELL PLASTIC GMBH

Message:

Medium viscosity standard grade for moulding parts of all kind. (reduced Plate out)

Wheels, rollers applications, clips, fasteners, nuts and screws, bearings and clutch parts.

General Information			
Features	Medium Viscosity		
Uses	Bearings		
	Fasteners		
	Rollers		
	Wheels		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2800	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	10	%	
Break	50	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	5.5	kJ/m²	
23°C	6.0	kJ/m²	
Charpy Unnotched Impact Strength (23°C)	200	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	115	°C	ISO 75-2/A
Vicat Softening Temperature	150	°C	ISO 306/B50

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