

TEREZ POM 8001

Acetal (POM) Copolymer

TER HELL PLASTIC GMBH

Message:

High viscosity standard grade for injection moulding and extrusion, parts of thick walls.
Gear wheels, clips, fasteners, rollers applications, transporting chains, skibinding parts.

General Information			
Features	High Viscosity		
Uses	Fasteners		
	Gears		
	Rollers		
	Sporting Goods		
	Thick-walled Parts		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	14	%	
Break	40	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	260	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	105	°C	ISO 75-2/A
Vicat Softening Temperature	150	°C	ISO 306/B50

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

