

TEREZ POM 8005 GF 30

Acetal (POM) Copolymer

TER HELL PLASTIC GMBH

Message:

Injection moulding grade, 30% glass fibre reinforced.
Suitable for moulding parts with very high strength and stiffnes.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	High Stiffness		
	High Strength		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.63	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10000	MPa	ISO 527-2
Tensile Strain (Break)	1.5	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	25	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	160	°C	ISO 75-2/A
Vicat Softening Temperature	160	°C	ISO 306/B50

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