

Zhongfa POM GR-30

Acetal (POM) Copolymer

Yuyao Zhongfa Engineering Plastics Co. Ltd.

Message:

Zhongfa POM GR-30 is a polyoxymethylene (POM) copolymer material, and its filler is 30% glass fiber reinforced material. This product is available in the Asia-Pacific region and is processed by injection molding.

Typical application areas include:

engineering/industrial accessories

Automotive Industry

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Uses	Gear		
	Valve/valve components		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.62	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.2	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	78.0	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	6300	MPa	ASTM D790
Flexural Strength	124	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	180	°C	ASTM D648
Additional Information			
Notched Izod Impact, ASTM D256: 6 kJ/m ²			
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 85.0	°C	
Drying Time	1.0 - 3.0	hr	
Processing (Melt) Temp	170 - 195	°C	
Mold Temperature	40.0 - 80.0	°C	
Injection Pressure	60.0 - 100	MPa	

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