

# Zhongfa POM GR-20

Acetal (POM) Copolymer

Yuyao Zhongfa Engineering Plastics Co. Ltd.

## Message:

Zhongfa POM GR-20 is a polyoxymethylene (POM) copolymer material, and its filler is 20% glass fiber reinforced material. This product is available in the Asia-Pacific region and is processed by injection molding.

The main features of Zhongfa POM GR-20 are:

Good dimensional stability

Wear-resistant

Heat resistance

Typical application areas include:

engineering/industrial accessories

Automotive Industry

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Good dimensional stability		
	Good liquidity		
	Good wear resistance		
	Heat resistance, high		
Uses	Gear		
	Valve/valve components		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	60.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	4000	MPa	ASTM D790
Flexural Strength	100	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	155	°C	ASTM D648
Additional Information			
Notched Izod Impact, ASTM D256: 4.5 kJ/m <sup>2</sup>			
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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

