

# Zhongfa PP GR-10H

Polypropylene

Yuyao Zhongfa Engineering Plastics Co. Ltd.

Message:

Zhongfa PP GR-10H is a polypropylene material, and the filler is 10% glass fiber reinforced material. This product is available in the Asia-Pacific region and is processed by injection molding.

The main features of Zhongfa PP GR-10H are:

chemical resistance

Heat resistance

Typical application areas include:

electrical appliances

industrial applications

Automotive Industry

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight		
Features	Good liquidity		
	Good chemical resistance		
	Heat resistance, medium		
Uses	Electrical appliances		
	Industrial application		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.00	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.60 - 0.90	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	55.0	MPa	ASTM D638
Flexural Modulus	2800	MPa	ASTM D790
Flexural Strength	70.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	140	°C	ASTM D648
Additional Information			
Notched Izod Impact, ASTM D256: 9 kJ/m <sup>2</sup> Unnotched Izod Impact, ASTM D256: 18 kJ/m <sup>2</sup>			
Injection	Nominal Value	Unit	
Drying Temperature	90.0 - 95.0	°C	
Drying Time	2.0 - 3.0	hr	
Processing (Melt) Temp	215 - 245	°C	
Mold Temperature	45.0 - 80.0	°C	

Injection Pressure

70.0 - 90.0

MPa

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#### Recommended distributors for this material

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