Zhongfa PP pp7

Polypropylene

Yuyao Zhongfa Engineering Plastics Co. Ltd.

Message:

Zhongfa PP pp7 is a polypropylene material and contains 30% mineral fillers. This product is available in the Asia-Pacific region and is processed by injection molding. The main features of Zhongfa PP pp7 are: high gloss insulation Good dimensional stability chemical resistance Heat resistance Heat resistance Typical application areas include: Electrical/electronic applications electrical appliances Furniture Automotive Industry

Filler / Reinforcement Mineral filler, 30% filler by weight Features Good dimensional stability Highlight Insulation Good diquidity Good chemical resistance Heat resistance, high Heat resistance, high Uses Electrical/Electronic Applications Electrical appliances Furniture Application in Automobile Field Version Forms Particle Physical Injection molding Physical Nominal Value Unit Molding Shrinkage - Flow 0.80 - 1.0 % Moding Shrinkage - Flow 0.80 - 1.0 % Rockwell Hardness (R-Scale) 10 Test Method Rockwell Hardness (R-Scale) 10 ASTM D795 Rechanical Nominal Value Unit Test Method Tensile Elengation (Break) 5.0 MPa ASTM D785	General Information				
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Tensile Elongation (Break) 5.0 % ASTM D638	Mechanical	Nominal Value	Unit	Test Method	
	Tensile Strength	50.0	MPa	ASTM D638	
Flexural Modulus 2400 MPa ASTM D790	Tensile Elongation (Break)	5.0	%	ASTM D638	
	Flexural Modulus	2400	MPa	ASTM D790	

Flexural Strength	40.0	MPa	ASTM D790	
Thermal	Nominal Value	Unit	Test Method	
Deflection Temperature Under Load			ASTM D648	
0.45 MPa, not annealed	155	°C	ASTM D648	
1.8 MPa, not annealed	135	°C	ASTM D648	
Additional Information				
Aging Resistance at 150°C: 750 hrNotched Izod Impact, ASTM D256: 4 kJ/m ² Unnotched Izod Impact, ASTM D256: 18 kJ/m ²				
Injection	Nominal Value	Unit		
Drying Temperature	90.0 - 95.0	°C		
Drying Time	2.0 - 3.0	hr		
Processing (Melt) Temp	195 - 225	°C		
Mold Temperature	45.0 - 80.0	°C		
Injection Pressure	60.0 - 90.0	MPa		

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