

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

Typical application areas include:

Electrical/electronic applications

electrical appliances

Furniture

Automotive Industry

General Information			
Filler / Reinforcement	Mineral filler, 30% filler by weight		
Features	Good dimensional stability Highlight Insulation Good liquidity Good chemical resistance Heat resistance, high		
Uses	Electrical/Electronic Applications Electrical appliances Furniture Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.80 - 1.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	50.0	MPa	ASTM D638
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 hr Notched Izod Impact, ASTM D256: 4 kJ/m² Unnotched Izod Impact, ASTM D256: 18 kJ/m²

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

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

