

Zhongfa PP DD2 1x102

Polypropylene

Yuyao Zhongfa Engineering Plastics Co. Ltd.

Message:

Zhongfa PP DD2 1x102 is a polypropylene material. This product is available in the Asia-Pacific region and is processed by injection molding.

The main features of Zhongfa PP DD2 1x102 are:

Conductivity

chemical resistance

Heat resistance

The typical application areas of Zhongfa PP DD2 1x102 are: electrical/electronic applications

General Information			
Features	Conductivity		
	Good chemical resistance		
	Heat resistance, high		
Uses	Electrical/Electronic Applications		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	3.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.2 - 1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	35.0	MPa	ASTM D638
Tensile Elongation (Break)	12	%	ASTM D638
Flexural Modulus	1350	MPa	ASTM D790
Flexural Strength	38.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	145	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2	ohms	ASTM D257
Volume Resistivity	1.0E+4	ohms · cm	ASTM D257
Additional Information			
Notched Izod Impact, ASTM D256: 3 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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