

Zhongfa PA66 DD2

Polyamide 6

Yuyao Zhongfa Engineering Plastics Co. Ltd.

Message:

Zhongfa PA66 DD2 is a polyamide 6 (nylon 6) material. This product is available in the Asia-Pacific region and is processed by injection molding.

The main features of Zhongfa PA66 DD2 are:

Conductivity

Good processability

Typical application areas include:

Electrical/electronic applications

electrical appliances

General Information			
Features	Conductivity		
	Workability, good		
Uses	Electrical/Electronic Applications		
	Electrical appliances		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm³	ASTM D792
Molding Shrinkage - Flow	1.1 - 1.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	81.0	MPa	ASTM D638
Tensile Elongation (Break)	6.0	%	ASTM D638
Flexural Modulus	2900	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	65.0	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+2	ohms · cm	ASTM D257
Additional Information			
Notched Izod Impact, ASTM D256: 6 kJ/m²			
Injection	Nominal Value	Unit	
Drying Temperature	90.0 - 95.0	°C	
Drying Time	5.0 - 8.0	hr	
Processing (Melt) Temp	220 - 245	°C	
Mold Temperature	40.0 - 80.0	°C	
Injection Pressure	80.0 - 100	MPa	

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