

Zhongfa PA66 66G30

Polyamide 66

Yuyao Zhongfa Engineering Plastics Co. Ltd.

Message:

Zhongfa PA66 66G30 is a polyamide 66 (nylon 66) material, which contains a 30% glass fiber reinforced material. This product is available in the Asia-Pacific region and is processed by injection molding.

The main features of the Zhongfa PA66 66G30 are:

Good processability

Good dimensional stability

Heat resistance

Typical application areas include:

Electrical/electronic applications

electrical appliances

Tools

Furniture

Automotive Industry

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Features	Good dimensional stability		
	Workability, good		
	Heat resistance, high		
Uses	Electrical/Electronic Applications		
	Electrical appliances		
	Power/other tools		
	Furniture		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30 - 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	145	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	6800	MPa	ASTM D790
Flexural Strength	240	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	240	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms · cm	ASTM D257

Additional Information

Notched Izod Impact, ASTM D256: 14 kJ/m²

Injection	Nominal Value	Unit
Drying Temperature	85.0 - 90.0	°C
Drying Time	6.0 - 8.0	hr
Processing (Melt) Temp	235 - 275	°C
Mold Temperature	60.0 - 90.0	°C
Injection Pressure	60.0 - 100	MPa

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