

Zhongfa PA66 MC66G25FR

Polyamide 66

Yuyao Zhongfa Engineering Plastics Co. Ltd.

Message:

Zhongfa PA66 MC66G25FR is a polyamide 66 (nylon 66) material, which contains a 25% glass fiber reinforced material. This product is available in the Asia-Pacific region and is processed by injection molding.

The main features of Zhongfa PA66 MC66G25FR are:

- flame retardant/rated flame
- Flame Retardant
- 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, 25% filler by weight		
Additive	Flame retardancy		
Features	Good dimensional stability		
	Workability, good		
	Heat resistance, high		
	Halogen-free		
	Flame retardancy		
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	1.36	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30 - 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	140	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	7900	MPa	ASTM D790
Flexural Strength	230	MPa	ASTM D790

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	250	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Additional Information			
Notched Izod Impact, ASTM D256: 8 kJ/m ²			
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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