

# Zhongfa PA66 MC66FR

Polyamide 66

Yuyao Zhongfa Engineering Plastics Co. Ltd.

Message:

Zhongfa PA66 MC66FR is a polyamide 66 (nylon 66) material, which contains a 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 MC66FR 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		
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	1.18	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.30 - 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	90.0	MPa	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	3100	MPa	ASTM D790
Flexural Strength	125	MPa	ASTM D790

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	85.0	°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: 7 kJ/m <sup>2</sup>			
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	

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

