

Zhongfa PP FR-18

Polypropylene

Yuyao Zhongfa Engineering Plastics Co. Ltd.

Message:

Zhongfa PP FR-18 is a polypropylene material, and the filler is 20% glass fiber reinforced material. This product is available in the Asia-Pacific region and is processed by injection molding.

The main features of Zhongfa PP FR-18 are:

flame retardant/rated flame

Flame Retardant

Typical application areas include:

Electrical/electronic applications

electrical appliances

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Additive	Flame retardancy		
Features	Flame retardancy		
Uses	Electrical/Electronic Applications		
	Electrical appliances		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.50 - 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	65.0	MPa	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Flexural Strength	75.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	140	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Additional Information			

Notched Izod Impact, ASTM D256: 8 kJ/m²Unnotched Izod Impact, ASTM D256: 40 kJ/m²

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