

Zhongfa PP FR-08

Polypropylene

Yuyao Zhongfa Engineering Plastics Co. Ltd.

Message:

Zhongfa PP FR-08 is a polypropylene material. This product is available in the Asia-Pacific region and is processed by injection molding.

The main features of Zhongfa PP FR-08 are:

flame retardant/rated flame

Flame Retardant

Typical application areas include:

Electrical/electronic applications

electrical appliances

General Information			
UL YellowCard	E228261-229892		
Additive	Flame retardancy		
Features	Flame retardancy		
Uses	Electrical/Electronic Applications		
	Electrical appliances		
UL File Number	E228261		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	4.8	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.7	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	31.0	MPa	ASTM D638
Tensile Elongation (Break)	26	%	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Flexural Strength	35.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	130	°C	ASTM D648
Vicat Softening Temperature	135	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating	V-2		UL 94
Additional Information			
Notched Izod Impact, ASTM D256: 6 kJ/m²Unnotched Izod Impact, ASTM D256: 74 kJ/m²			
Injection	Nominal Value	Unit	
Drying Temperature	85.0 - 90.0	°C	
Drying Time	2.0 - 3.0	hr	

Processing (Melt) Temp	185 - 215	°C
Mold Temperature	40.0 - 80.0	°C
Injection Pressure	60.0 - 90.0	MPa

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Recommended distributors for this material

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