

MAJORIS CFR060 - 2448

Polypropylene Copolymer

AD majoris

Message:

CFR060 - 2448 is a low halogen flame retardant compound UL 94 V2, intended for injection moulding. The product is available in natural but other colours can be provided on request

CFR060 - 2448 produce very low level of toxicity and low smoke density in the case of a fire.

CFR060 - 2448 is especially designed for technical parts and electrical applications.

General Information			
Additive	Flame retardancy		
Features	Low Halogen Content		
	Low smoke		
	Low toxicity		
	Copolymer		
	Recyclable materials		
	Flame retardancy		
Uses	Electrical/Electronic Applications		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	22.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	5.0	%	ISO 527-2/50
Flexural Modulus ¹	1100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	3.5	kJ/m ²	ISO 179/1eA
23°C	28	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Flammability	Nominal Value	Unit	Test Method
Flame Rating (2.00 mm)	V-2		UL 94
Glow Wire Flammability Index (2.00 mm)	850	°C	IEC 60695-2-12

Injection	Nominal Value	Unit
Processing (Melt) Temp	220 - 250	°C
Mold Temperature	30.0 - 50.0	°C
Injection Rate	Moderate	
Injection instructions		
Holding pressure: 50 to 70% of the injection pressure		
NOTE		
1.	2.0 mm/min	

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Recommended distributors for this material

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