

# MAJORIS FFR307C - 8487

Polypropylene Homopolymer

AD majoris

## Message:

FFR307C - 8487 is a low halogen no blooming flame retardant compound UL 94 V2, intended for injection moulding. The product is available in natural (FFR307C) but other colours can be provided on request

FFR307C - 8487 produce is UV stabilised and antistatic.

Provides an excellent balance of very good impact strength and rigidity.

FFR307C - 8487 is especially designed for electrical/appliance applications exterior/interior.

General Information			
Additive	Antistatic property		
	UV stabilizer		
	Flame retardancy		
Features	Low Halogen Content		
	No frost		
	Rigidity, high		
	Homopolymer		
	Antistatic property		
	Impact resistance, good		
	Good UV resistance		
	Recyclable materials		
	Flame retardancy		
Uses	Electrical/Electronic Applications		
	Electrical appliances		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	1.0	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	15.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	4.0	%	ISO 527-2/50
Flexural Modulus - 1% Secant	1700	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.5	kJ/m <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	104	°C	ISO 75-2/B
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-2		UL 94
Glow Wire Flammability Index (2.00 mm)	850	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	210 - 240	°C	
Mold Temperature	30.0 - 50.0	°C	
Injection Rate	Moderate		
Injection instructions			

Holding pressure: 50 to 70% of the injection pressure

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#### Recommended distributors for this material

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