

MAJORIS DFR330 - 8487

Polypropylene

AD majoris

Message:

MAJORIS DFR330-8487 is a polypropylene product. It can be processed by injection molding and is available in Europe. MAJORIS DFR330-8487 applications include electrical/electronic applications and housing.

Features include:

flame retardant/rated flame

Flame Retardant

environmental protection/green

General Information			
Additive	Flame retardancy		
Features	Low Halogen Content		
	Recyclable materials		
	Flame retardancy		
Uses	Electrical components		
	Electrical housing		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.16	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Molding Shrinkage	0.90 - 1.2	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2560	MPa	ISO 527-2/1
Tensile Stress (Yield)	26.0	MPa	ISO 527-2/50
Tensile Strain (Break)	7.0	%	ISO 527-2/50
Flexural Modulus ¹	2300	MPa	ISO 178
Flexural Stress ²	40.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	2.0	kJ/m ²	ISO 179/1eA
23°C	3.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	28	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (0.45 MPa, Unannealed)	127	°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
Oxygen Index	24	%	ISO 4589-2
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			
NOTE			
1.	2.0 mm/min		
2.	50 mm/min		

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