

MAJORIS DFR310R - 8229

Polypropylene

AD majoris

Message:

DFR310R - 8229 is a high performance halogen flame retardant compound polypropylene UL 94 V0, with medium flow intended for injection moulding.

The product is available in natural but other colours can be provided on request

DFR310R - 8229 is especially designed for technical parts and electrical applications.

General Information			
Additive	Flame retardancy		
Features	Recyclable materials		
	Medium liquidity		
	Halogenated		
	Flame retardancy		
Uses	Electrical/Electronic Applications		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.43	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	74.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	2.5	%	ISO 527-2/50
Flexural Modulus ¹	6300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	4.0	kJ/m ²	ISO 179/1eA
23°C	6.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	159	°C	ISO 75-2/B
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Glow Wire Flammability Index (2.00 mm)	960	°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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