

MAJORIS DFR290

Polypropylene

AD majoris

Message:

MAJORIS DFR290 is a polypropylene product. It can be processed by injection molding and is available in Europe.

Features include:

flame retardant/rated flame

environmental protection/green

General Information			
Features	Recyclable materials		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2390	MPa	ISO 527-2
Tensile Stress (Yield)	21.0	MPa	ISO 527-2
Tensile Strain (Break)	4.7	%	ISO 527-2
Flexural Modulus	2360	MPa	ISO 178
Flexural Stress	37.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	65	kJ/m ²	ISO 179/1eU
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Glow Wire Flammability Index (1.00 mm)	960	°C	IEC 60695-2-12
Oxygen Index	26	%	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

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Recommended distributors for this material

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