

MAJORIS FFR020X

Polypropylene

AD majoris

Message:

MAJORIS FFR020X is a polypropylene product. It can be processed by injection molding and is available in Europe.

Features include:

flame retardant/rated flame

ROHS certification

environmental protection/green

General Information			
Features	Recyclable materials		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.990	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Molding Shrinkage	1.8	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1970	MPa	ISO 527-2/1
Flexural Modulus ¹	1600	MPa	ISO 178
Flexural Stress	48.5	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	50	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	84.0	°C	ISO 75-2/B
1.8 MPa, not annealed	54.0	°C	ISO 75-2/A
Ball Pressure Test (125°C)	Pass		IEC 60335-1
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	32	%	ISO 4589-2
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	220 - 260	°C	
Mold Temperature	30.0 - 50.0	°C	
Injection Rate	Fast		

Injection instructions

Holding pressure: 30 to 60% of the injection pressure

NOTE

1. 2.0 mm/min

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Recommended distributors for this material

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