

MAJORIS FN020 - NATFL

Polypropylene Homopolymer

AD majoris

Message:

FN020-NATFL is a high melt flow polypropylene fragranced homopolymer equipped for good long term heat resistance for injection moulding. FN020-NATFL a unique balance of properties for high speed injection moulding.

APPLICATIONS

Automotive parts

Packaging

Appliances

Houseware

General Information			
Features	Homopolymer		
	Recyclable materials		
	High liquidity		
Uses	Packaging		
	Electrical appliances		
	Household goods		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.908	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	19	g/10 min	ISO 1133
Molding Shrinkage	1.0 - 2.0	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	102		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1450	MPa	ISO 527-2/1
Tensile Stress (Yield)	34.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	8.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Vicat Softening Temperature	152	°C	ISO 306/A
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

Injection	Nominal Value	Unit
Processing (Melt) Temp	210 - 260	°C
Mold Temperature	30.0 - 40.0	°C
Injection Rate	Fast	
Injection instructions		

Holding pressure: 50 to 70% of the injection pressure

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