MAJORIS FN080

Polypropylene Copolymer

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Message:

FN080 is a polypropylene copolymer characterised by high impact strength combined with high stiffness and good flow properties is antistatic formulated.
The product is available in natural (FN080) and white (FN080 WHITE 9413) but other colours can be supplied on request.
APPLICATIONS
FN080 is suitable for a wide range of products requiring high impact strength.

General Information			
Additive	Antistatic property		
Features	Rigidity, high Copolymer Antistatic property Impact resistance, high Recyclable materials Good liquidity Compliance of Food Exposure		
Appearance	White Available colors Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.904	g/cm^3	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ISO 1133
Molding Shrinkage	1.0 - 2.0	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1100	MPa	ISO 527-2/1
Tensile Stress (Yield)	27.0	MPa	ISO 527-2/50
Tensile Strain (Break)	7.0	%	ISO 527-2
Flexural Modulus	1100	MPa	ISO 178
Flexural Stress	44.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	12	kJ/m^2	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**

Heat Deflection Temperature (1.8 MPa, Unannealed)	51.0	°C	ISO 75-2/A
Vicat Softening Temperature	62.0	°C	ISO 306/B

Injection	Nominal Value	Unit
Processing (Melt) Temp	210 - 250	°C
Mold Temperature	30.0 - 50.0	°C
Injection Rate	Slow-Moderate	

Injection instructions

Holding pressure: 50 to 70% of the injection pressure

Recommended distributors for this material

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WECHAT