

LNP™ THERMOCOMP™ MFB22J compound

Polypropylene
SABIC Innovative Plastics

Message:

LNP* THERMOCOMP* MFB22J is a compound based on Polypropylene resin containing Glass Bead and Glass Fiber. Added feature of this material is: Low Extractable.

Also known as: LNP* THERMOCOMP* Compound MFB22J

Product reorder name: MFB22J

General Information			
Filler / Reinforcement	Glass Bead\Glass Fiber		
Features	Low Extractables		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (210°C/5.0 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	3950	MPa	ASTM D638
Tensile Strength ²			ASTM D638
Yield	34.0	MPa	
Break	25.0	MPa	
Tensile Elongation ³			ASTM D638
Yield	3.2	%	
Break	6.3	%	
Flexural Modulus ⁴ (50.0 mm Span)	3150	MPa	ASTM D790
Flexural Strength ⁵ (Yield, 50.0 mm Span)	54.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	108	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Rear Temperature	193 to 204	°C	
Middle Temperature	216 to 227	°C	
Front Temperature	238 to 249	°C	
Processing (Melt) Temp	227 to 249	°C	
Mold Temperature	32.2 to 48.9	°C	
Back Pressure	0.172 to 0.344	MPa	
Screw Speed	30 to 60	rpm	

NOTE	
1.	5.0 mm/min
2.	Type I, 5.0 mm/min
3.	Type I, 5.0 mm/min
4.	1.3 mm/min
5.	1.3 mm/min

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Recommended distributors for this material

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