LNP™ THERMOCOMP™ MFB22EXJ compound

Polypropylene

SABIC Innovative Plastics

Message:

LNP* THERMOCOMP* MFB22EXJ is a compound based on Polypropylene resin containing Glass Fiber, Glass Bead. Added features of this grade are: Easy Molding, High Flow, Healthcare.

General Information			
Filler / Reinforcement	Glass Beads \Glass Fiber		
Features	Good formability High liquidity		
Uses	Medical/nursing supplies		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.05	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (210°C/5.0 kg)	12 - 20	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus [1]	4090	MPa	ASTM D638
Tensile Strength [2]			ASTM D638
Yield	34.0	MPa	ASTM D638
Fracture	30.0	MPa	ASTM D638
Tensile Elongation [3]			ASTM D638
Yield	3.9	%	ASTM D638
Fracture	6.7	%	ASTM D638
Flexural Modulus [4] (50.0 mm Span)	2970	MPa	ASTM D790
Flexural Strength [5] (Yield, 50.0 mm Span)	50.0	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	40	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	100	°C	ASTM D648
NOTE			
1.	5.0 mm/min		
2.	Type 1, 5.0 mm/min		
3.	Type 1, 5.0 mm/min		
4.	1.3 mm/min		
5.	1.3 mm/min		

Recommended distributors for this material

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