LNP™ THERMOCOMP™ MFB429 compound

Polypropylene

SABIC Innovative Plastics

Message:

LNP THERMOCOMP MFB429 is a compound based on Polypropylene resin containing 10% Glass Fiber, 20% Glass Bead. Added features of this material include: Chemically Coupled, Flame Retardant.
Also known as: LNP* THERMOCOMP* Compound MFX-1006 FR MG
Product reorder name: MFB429

General Information			
Filler / Reinforcement	Glass Bead,20% Filler by Weight Glass Fiber,10% Filler by Weight		
Features	Chemically Coupled Flame Retardant		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.48	g/cm³	ASTM D792
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus [1]	5580	MPa	ASTM D638
Tensile Strength (Break)	41.4	MPa	ASTM D638
Tensile Elongation (Break)	2.6	%	ASTM D638
Flexural Modulus	4140	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Unnotched Izod Impact (23°C)	270	J/m	ASTM D4812
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	130	°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.	50 mm/min

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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