

LNP™ THERMOCOMP™ MF00AS compound

Polypropylene
SABIC Innovative Plastics

Message:

LNP THERMOCOMP* MF00AS is a compound based on Polypropylene resin containing 50% Glass Fiber. Added features of this material include:
Chemically Coupled.
Also known as: LNP* THERMOCOMP* Compound MFX-100-10
Product reorder name: MF00AS

General Information			
UL YellowCard	E121562-101283897	E121562-101283898	
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Features	Chemically Coupled		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow : 24 hr	0.20	%	
Across Flow : 24 hr	0.80	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	87.6	MPa	ASTM D638
Tensile Elongation (Break)	1.6	%	ASTM D638
Flexural Modulus	11000	MPa	ASTM D790
Flexural Strength	150	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256
Unnotched Izod Impact (23°C)	320	J/m	ASTM D4812
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	

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

