

# LNP™ THERMOCOMP™ MF008S compound

Polypropylene  
SABIC Innovative Plastics

Message:

LNP THERMOCOMP\* MF008S is a compound based on Polypropylene resin containing 40% Glass Fiber. Added features of this material include: Chemically Coupled, Heat Stabilized.

Also known as: LNP\* THERMOCOMP\* Compound MFX-1008 HS

Product reorder name: MF008S

General Information			
UL YellowCard	E121562-101283897		
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Additive	Heat Stabilizer		
Features	Chemically Coupled		
	Heat Stabilized		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow : 24 hr	0.30	%	
Across Flow : 24 hr	1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	86.2	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	7450	MPa	ASTM D790
Flexural Strength	138	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	85	J/m	ASTM D256
Unnotched Izod Impact (23°C)	590	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	142	°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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### 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

