

# LNP THERMOCOMP OF008G compound

Linear Polyphenylene Sulfide

SABIC Innovative Plastics

Message:

LNP THERMOCOMP OF008G is a compound based on PPS - Linear containing 15% Glass Fiber, 25% Milled Glass.  
Also known as: LNP\* THERMOCOMP\* Compound OF-1008 MG  
Product reorder name: OF008G

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
	Milled Glass Fiber,25% Filler by Weight		
Features	Linear Polymer Structure		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage			ASTM D955
Flow : 24 hr	0.20 to 0.50	%	
Across Flow : 24 hr	0.80 to 1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	8850	MPa	ASTM D638
Tensile Strength <sup>2</sup> (Break)	104	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Break)	1.9	%	ASTM D638
Flexural Modulus <sup>4</sup> (50.0 mm Span)	9310	MPa	ASTM D790
Flexural Strength <sup>5</sup> (Break, 50.0 mm Span)	157	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256
Unnotched Izod Impact (23°C)	400	J/m	ASTM D4812
Injection	Nominal Value	Unit	
Drying Temperature	121 to 149	°C	
Drying Time	4.0	hr	
Rear Temperature	304 to 316	°C	
Middle Temperature	321 to 332	°C	
Front Temperature	332 to 343	°C	
Processing (Melt) Temp	316 to 321	°C	
Mold Temperature	138 to 166	°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

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

