

LNP™ THERMOCOMP™ VF008A compound

Polyamide 66
SABIC Innovative Plastics

Message:

LNP THERMOCOMP VF008A is a compound based on High Impact Nylon 66 containing 40% Glass Fiber.
Also known as: LNP* THERMOCOMP* Compound PDX-83363
Product reorder name: VF008A

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Features	High Impact Resistance		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40	%	Internal Method
Water Absorption (24 hr, 50% RH)	0.60	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	158	MPa	ASTM D638
Tensile Elongation ² (Break)	3.0 to 4.0	%	ASTM D638
Flexural Modulus ³ (50.0 mm Span)	8270	MPa	ASTM D790
Flexural Strength ⁴ (Break, 50.0 mm Span)	227	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ⁵ (23°C)	190	kJ/m ²	ISO 180/1A
Unnotched Izod Impact (23°C)	1000	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	249	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.15	%	
Rear Temperature	260 to 271	°C	
Middle Temperature	277 to 288	°C	
Front Temperature	293 to 304	°C	
Processing (Melt) Temp	282 to 293	°C	
Mold Temperature	93.3 to 110	°C	
Back Pressure	0.172 to 0.344	MPa	
Screw Speed	30 to 60	rpm	
NOTE			
1.	Type I, 5.0 mm/min		
2.	Type I, 5.0 mm/min		

3.	1.3 mm/min
4.	1.3 mm/min
5.	80*10*4

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

