

LNP™ THERMOCOMP™ ZF006 compound

Polyphenylene Ether + PS

SABIC Innovative Plastics

Message:

LNP THERMOCOMP ZF006 is a compound based on PPO resin containing 30% Glass Fiber.
Also known as: LNP* THERMOCOMP* Compound ZF-1006
Product reorder name: ZF006

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.30	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.30 to 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus ¹ (50.0 mm Span)	8630	MPa	ASTM D790
Flexural Strength ² (Break, 50.0 mm Span)	161	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Unnotched Izod Impact (23°C)	450	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	135	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	4.0	hr	
Rear Temperature	277 to 288	°C	
Middle Temperature	288 to 299	°C	
Front Temperature	299 to 310	°C	
Processing (Melt) Temp	299 to 304	°C	
Mold Temperature	82.2 to 110	°C	
Back Pressure	0.172 to 0.344	MPa	
Screw Speed	30 to 60	rpm	
NOTE			
1.	1.3 mm/min		
2.	1.3 mm/min		

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Recommended distributors for this material

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