

LNP™ THERMOCOMP™ WF006H compound

Polybutylene Terephthalate

SABIC Innovative Plastics

Message:

LNP THERMOCOMP WF006H is a compound based on Polybutylene Terephthalate resin containing Glass Fiber.

Also known as: LNP* THERMOCOMP* Compound WF-1006 HC

Product reorder name: WF006H

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.62	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	10400	MPa	ASTM D638
Tensile Strength (Break)	120	MPa	ASTM D638
Tensile Elongation (Break)	2.7	%	ASTM D638
Flexural Modulus	9450	MPa	ASTM D790
Flexural Strength	186	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256
Unnotched Izod Impact (23°C)	710	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	208	°C	ASTM D648
NOTE			

1. 50 mm/min

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Recommended distributors for this material

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