

LNP™ THERMOCOMP™ DF006 compound

Polycarbonate

SABIC Innovative Plastics Asia Pacific

Message:

LNP THERMOCOMP DF1006 is a compound based on Polycarbonate resin containing Glass Fiber.

General Information			
UL YellowCard	E45329-101282739		
Filler / Reinforcement	Glass fiber reinforced material		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.42	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	0.10 - 0.30	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8100	MPa	ISO 527-2/1
Tensile Stress (Break)	129	MPa	ISO 527-2/5
Tensile Strain (Break)	3.0	%	ISO 527-2/5
Flexural Modulus ²	6800	MPa	ISO 178
Flexural Stress	186	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ³ (23°C)	14	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	60	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵			
0.45 MPa, unannealed, 64.0mm span	147	°C	ISO 75-2/Bf
1.8 MPa, unannealed, 64.0mm span	143	°C	ISO 75-2/Af
NOTE			
1.	Tensile Bar		
2.	2.0 mm/min		
3.	80*10*4		
4.	80*10*4		
5.	80*10*4 mm		

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Recommended distributors for this material

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