

LNP™ THERMOCOMP™ WC006 compound

Polybutylene Terephthalate

SABIC Innovative Plastics

Message:

LNP THERMOCOMP WC006 is a compound based on Polybutylene Terephthalate resin containing Carbon Fiber.

Also known as: LNP* THERMOCOMP* Compound WC-1006

Product reorder name: WC006

General Information			
Filler / Reinforcement	Carbon 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 - 0.20	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	151	MPa	ISO 527-2/5
Tensile Strain (Break)	1.0 - 2.0	%	ISO 527-2/5
Flexural Modulus ²	16100	MPa	ISO 178
Flexural Stress	214	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ³ (23°C)	7.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	30	kJ/m ²	ISO 180/1U
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	10 - 1.0E+3	ohms	ASTM D257
NOTE			
1.	Tensile Bar		
2.	2.0 mm/min		
3.	80*10*4		
4.	80*10*4		

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Recommended distributors for this material

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