

# LNP™ THERMOCOMP™ 5C004 compound

Polyvinylidene Fluoride

SABIC Innovative Plastics

## Message:

LNP THERMOCOMP 5C004 is a compound based on Polyvinylidene Fluoride resin containing Carbon Fiber. Added features of this material include: Electrically Conductive.

Also known as: LNP\* THERMOCOMP\* Compound FP-VC-1004

Product reorder name: 5C004

General Information			
Filler / Reinforcement	Carbon fiber reinforced material		
Features	Conductivity		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.75	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	16400	MPa	ASTM D638
Tensile Strength (Break)	84.1	MPa	ASTM D638
Tensile Elongation (Break)	0.70	%	ASTM D638
Flexural Modulus	13900	MPa	ASTM D790
Flexural Strength	138	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Unnotched Izod Impact (23°C)	290	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	154	°C	ASTM D648
NOTE			
1.	50 mm/min		

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## Recommended distributors for this material

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