

LNP™ THERMOCOMP™ DF0049 compound

Polycarbonate

SABIC Innovative Plastics

Message:

LNP THERMOCOMP DF0049 is a compound based on Polycarbonate resin containing Flame Retardant, Glass Fiber. Added features of this material include: Flame Retardant.

Also known as: LNP* THERMOCOMP* Compound DF-1004 FR

Product reorder name: DF0049

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Flame retardancy		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	6630	MPa	ASTM D638
Tensile Strength (Break)	103	MPa	ASTM D638
Tensile Elongation (Break)	2.8	%	ASTM D638
Flexural Modulus	6600	MPa	ASTM D790
Flexural Strength	172	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	96	J/m	ASTM D256
Unnotched Izod Impact (23°C)	820	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	143	°C	ASTM D648
CLTE - Flow (-40 to 40°C)	2.5E-5	cm/cm/°C	ASTM E831
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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