

LNP™ STAT-KON™ DE0026 compound

Polycarbonate

SABIC Innovative Plastics Europe

Message:

LNP STAT-KON DC-1002 FR is a compound based on Polycarbonate resin containing Flame Retardant, Carbon Fiber. Added features of this material include: Flame Retardant, Electrically Conductive.

General Information			
Filler / Reinforcement	Carbon Fiber		
Features	Electrically Conductive		
	Flame Retardant		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	0.10 to 0.30	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	111	MPa	ISO 527-2/5
Tensile Strain (Break)	2.8	%	ISO 527-2/5
Flexural Modulus ²	6000	MPa	ISO 178
Flexural Stress	153	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ³ (23°C)	8.0	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	1.0E+2 to 1.0E+4	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	V-0		UL 94
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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