

LNP™ STAT-KON™ DD0009E compound

Polycarbonate

SABIC Innovative Plastics

Message:

LNP STAT-KON DD0009E is a compound based on Polycarbonate resin containing Flame Retardant, Carbon Powder. Added features of this material include: Electrically Conductive, Flame Retardant.

Also known as: LNP* STAT-KON* Compound D-EM FR

Product reorder name: DD0009E

General Information			
UL YellowCard	E207780-101343854		
Filler / Reinforcement	Carbon powder		
Features	Conductivity		
	Flame retardancy		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2900	MPa	ASTM D638
Tensile Strength (Break)	62.1	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	3170	MPa	ASTM D790
Flexural Strength	96.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256
Unnotched Izod Impact (23°C)	1500	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	131	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0 - 5.0	ohms	ASTM D257
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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