

LNP™ STAT-KON™ RE0069S compound

Polyamide 66
SABIC Innovative Plastics

Message:

LNP STAT-KON RE0069S is a compound based on Nylon 66 resin containing Flame Retardant, Carbon Fiber. Added features of this material include: Electrically Conductive, Flame Retardant, Heat Stabilized.

Also known as: LNP* STAT-KON* Compound RC-1006 FR HS

Product reorder name: RE0069S

General Information			
Filler / Reinforcement	Carbon fiber reinforced material		
Additive	heat stabilizer		
Features	Conductivity		
	Thermal Stability		
	Flame retardancy		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	35300	MPa	ASTM D638
Tensile Strength (Break)	228	MPa	ASTM D638
Tensile Elongation (Break)	0.90	%	ASTM D638
Flexural Modulus	29700	MPa	ASTM D790
Flexural Strength	352	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	80	J/m	ASTM D256
Unnotched Izod Impact (23°C)	750	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	256	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0 - 4.0	ohms	ASTM D257
NOTE			

1. 50 mm/min

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Recommended distributors for this material

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