

LNP™ STAT-KON™ RD000I compound

Polyamide 66
SABIC Innovative Plastics

Message:

LNP STAT-KON RD000I is a compound based on Nylon 66 resin containing Carbon Powder, Impact Modifier. Added features of this material include: Electrically Conductive, High Impact.

Also known as: LNP* STAT-KON* Compound R-HI

Product reorder name: RD000I

General Information	
Filler / Reinforcement	Carbon powder
Additive	Impact modifier
Features	Impact modification
	Conductivity
	Impact resistance, high

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2390	MPa	ASTM D638
Tensile Strength (Break)	46.9	MPa	ASTM D638
Tensile Elongation (Break)	14	%	ASTM D638
Flexural Modulus	2630	MPa	ASTM D790
Flexural Strength	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	250	J/m	ASTM D256
Unnotched Izod Impact (23°C)	2200	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	75.6	°C	ASTM D648
CLTE - Flow (-40 to 40°C)	1.2E-4	cm/cm/°C	ASTM E831
Thermal Conductivity	2.8	W/m/K	ASTM E1530
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0 - 6.0	ohms	ASTM D257

NOTE	
1.	50 mm/min

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Recommended distributors for this material

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