

LNP™ STAT-KON™ MD000APH compound

Polypropylene
SABIC Innovative Plastics

Message:

LNP* STAT-KON* MD000APH is a compound based on Polypropylene resin containing Carbon Powder. Added features of this grade include: Electrically Conductive, Healthcare.
Also known as: LNP* STAT-KON* Compound MD000APH
Product reorder name: MD000APH

General Information			
Filler / Reinforcement	Carbon Powder		
Features	Electrically Conductive		
Uses	Medical/Healthcare Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.998	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	1530	MPa	ASTM D638
Tensile Strength ² (Break)	21.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	5.5	%	ASTM D638
Flexural Modulus ⁴ (50.0 mm Span)	1150	MPa	ASTM D790
Flexural Strength ⁵ (Break, 50.0 mm Span)	29.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	580	J/m	ASTM D256
Unnotched Izod Impact (23°C)	No Break		ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	51.0	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	2.0	ohms	ASTM D257
NOTE			
1.	5.0 mm/min		
2.	Type I, 5.0 mm/min		
3.	Type I, 5.0 mm/min		
4.	1.3 mm/min		
5.	1.3 mm/min		

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Recommended distributors for this material

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