

# LNP™ STAT-KON™ ME003S compound

Polypropylene  
SABIC Innovative Plastics

Message:

LNP STAT-KON\* ME003S is a compound based on Polypropylene resin containing Carbon Fiber. Added features of this material include: Electrically Conductive.  
Also known as: LNP\* STAT-KON\* Compound MC-1003 HS  
Product reorder name: ME003S

General Information			
Filler / Reinforcement	Carbon fiber reinforced material		
Features	Conductivity		
Processing Method	Injection molding		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	41.4	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	5100	MPa	ASTM D790
Flexural Strength	65.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Unnotched Izod Impact (23°C)	320	J/m	ASTM D4812
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Rear Temperature	193 - 204	°C	
Middle Temperature	216 - 227	°C	
Front Temperature	238 - 249	°C	
Processing (Melt) Temp	227 - 249	°C	
Mold Temperature	32.2 - 48.9	°C	
Back Pressure	0.172 - 0.344	MPa	
Screw Speed	30 - 60	rpm	

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Recommended distributors for this material

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