

# LNP™ STAT-KON™ OE008A compound

Branched Polyphenylene Sulfide

SABIC Innovative Plastics Europe

Message:

LNP\* STAT-KON\* OE008A is a compound based on PPS - Branched resin containing 40% Carbon Fiber. Added feature of this grade is: Electrically Conductive.  
Also known as: LNP\* STAT-KON\* Compound EMI-X OC-1008  
Product reorder name: OE008A

General Information			
Filler / Reinforcement	Carbon fiber reinforced material, 40% filler by weight		
Features	Conductivity		
	Branched polymer structure		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.49	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage			Internal method
Flow: 3.20mm	0.10 - 0.30	%	Internal method
Transverse flow: 3.20mm	0.60 - 0.90	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	181	MPa	ASTM D638
Tensile Elongation (Break)	0.90	%	ASTM D638
Flexural Modulus	27200	MPa	ASTM D790
Flexural Strength	263	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256
Unnotched Izod Impact (23°C)	480	J/m	ASTM D4812
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	10 - 1.0E+3	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	121 - 149	°C	
Drying Time	4.0	hr	
Rear Temperature	304 - 316	°C	
Middle Temperature	321 - 332	°C	
Front Temperature	332 - 343	°C	
Processing (Melt) Temp	316 - 321	°C	
Mold Temperature	138 - 166	°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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