

LNP™ STAT-KON™ OE008A compound

Branched Polyphenylene Sulfide

SABIC Innovative Plastics Europe

Message:

LNP STAT-KON OC-1008 is a compound based on PPS - Branched resin containing Carbon Fiber. Added features of this material include: Electrically Conductive.

General Information			
Filler / Reinforcement	Carbon Fiber		
Features	Branched Polymer Structure		
	Electrically Conductive		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.49	g/cm ³	ISO 1183
Molding Shrinkage - Flow ¹	0.050 to 0.25	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	179	MPa	ISO 527-2/5
Tensile Strain (Break)	0.70	%	ISO 527-2/5
Flexural Modulus ²	30300	MPa	ISO 178
Flexural Stress	290	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ³ (23°C)	6.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	25	kJ/m ²	ISO 180/1U
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	10 to 1.0E+2	ohms	ASTM D257
NOTE			
1.	Tensile Bar		
2.	2.0 mm/min		
3.	80*10*4		
4.	80*10*4		

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Recommended distributors for this material

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