

LNP™ STAT-KON™ EX01696C compound

Polyether Imide
SABIC Innovative Plastics

Message:

LNP STAT-KON EX01696C is a compound based on Polyetherimide resin containing Proprietary Filler(s). Added features of this material include: Electrically Conductive, Clean Compounding System.

Also known as: LNP* STAT-KON* Compound PDX-E-01696 CCS

Product reorder name: EX01696C

General Information			
Filler / Reinforcement	Proprietary		
Features	Electrically Conductive		
	Low (to None) Ion Content		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	3700	MPa	ASTM D638
Tensile Strength ² (Break)	95.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	3.6	%	ASTM D638
Flexural Modulus ⁴ (50.0 mm Span)	3640	MPa	ASTM D790
Flexural Strength ⁵ (Break, 50.0 mm Span)	160	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	1.0E+6 to 1.0E+8	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	121 to 149	°C	
Drying Time	4.0 to 6.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	343 to 354	°C	
Middle Temperature	354 to 366	°C	
Front Temperature	366 to 377	°C	
Processing (Melt) Temp	360 to 366	°C	
Mold Temperature	121 to 149	°C	
Back Pressure	0.344 to 0.689	MPa	
Screw Speed	60 to 100	rpm	
NOTE			
1.	50 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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