

LNP™ STAT-KON™ DX02728C compound

Polycarbonate
SABIC Innovative Plastics

Message:

LNP STAT-KON* DX02728C is a compound based on Polycarbonate resin containing Proprietary Filler(s) Added features of this material include: Clean Compounding System, Electrically Conductive.

Also known as: LNP* STAT-KON* Compound PDX-D-02728 CCS

Product reorder name: DX02728C

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	1.24	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	100	MPa	ASTM D638
Tensile Elongation (Break)	6.5	%	ASTM D638
Flexural Modulus	5930	MPa	ASTM D790
Flexural Strength	165	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256
Instrumented Dart Impact (23°C, Energy at Peak Load)	14.0	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	143	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	293 to 304	°C	
Middle Temperature	310 to 321	°C	
Front Temperature	321 to 332	°C	
Processing (Melt) Temp	304 to 327	°C	
Mold Temperature	82.2 to 110	°C	
Back Pressure	0.172 to 0.344	MPa	
Screw Speed	30 to 60	rpm	

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Recommended distributors for this material

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