

LNP™ STAT-KON™ DEL13PXC compound

Polycarbonate

SABIC Innovative Plastics Europe

Message:

LNP STAT-KON DEL13PXC is a compound based on Polycarbonate resin containing PTFE, Carbon Fiber. Added features of this material include: Electrically Conductive, Superior Molding.

Also known as: LNP* STAT-KON* Compound DCL-4013 SM

Product reorder name: DEL13PXC

General Information			
UL YellowCard	E45329-101343780		
Filler / Reinforcement	Carbon Fiber		
Additive	PTFE Lubricant		
Features	Electrically Conductive		
	Good Moldability		
	Lubricated		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.29	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10600	MPa	ISO 527-2/1
Tensile Stress (Break)	142	MPa	ISO 527-2/5
Tensile Strain (Break)	1.8	%	ISO 527-2/5
Flexural Modulus ¹	9000	MPa	ISO 178
Flexural Stress	191	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	8.0	kJ/m²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	30	kJ/m²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁴			
0.45 MPa, Unannealed, 64.0 mm Span	139	°C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	134	°C	ISO 75-2/Af
CLTE - Transverse (23 to 60°C)	1.4E-5	cm/cm/°C	ISO 11359-2
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2 to 1.0E+4	ohms	ASTM D257
NOTE			
1.	2.0 mm/min		
2.	80*10*4		
3.	80*10*4		
4.	80*10*4 mm		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

