

LNP™ STAT-KON™ DEL36 compound

Polycarbonate

SABIC Innovative Plastics

Message:

LNP STAT-KON DEL36 is a compound based on Polycarbonate resin containing PTFE, Carbon Fiber. Added features of this material include: Electrically Conductive, , Internally Lubricated.

Also known as: LNP* STAT-KON* Compound DCL-4036

Product reorder name: DEL36

General Information			
Filler / Reinforcement	Carbon fiber reinforced material		
Additive	PTFE lubricant		
Features	Conductivity		
	Lubrication		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	15900	MPa	ASTM D638
Tensile Strength (Break)	111	MPa	ASTM D638
Tensile Elongation (Break)	1.5	%	ASTM D638
Flexural Modulus	14500	MPa	ASTM D790
Flexural Strength	165	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256
Unnotched Izod Impact (23°C)	430	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	143	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0 - 4.0	ohms	ASTM D257
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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