LNP™ STAT-KON™ COMPOUND DEL13EXC

DCL-4013 EM HP
REGION ASIA

DESCRIPTION

LNP STAT-KON* DEL13EXC is a compound based on Polycarbonate resin containing 15% Carbon Fiber, 5% PTFE. Added features of this material include: Easy Molding, Electrically Conductive, Wear Resistant.

TYPICAL PROPERTY VALUES

Revision 20190607

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	133	MPa	ASTM D 638
Tensile Strain, break	3	%	ASTM D 638
Flexural Stress	199	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	450	J/m	ASTM D 4812
Izod Impact, notched, 23°C	80	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	137	°C	ASTM D 648
Relative Temp Index, Elec (1)	80	°C	UL 746B
Relative Temp Index, Mech w/impact (1)	80	°C	UL 746B
Relative Temp Index, Mech w/o impact (1)	80	°C	UL 746B
PHYSICAL			
Density	1.28	g/cm³	ASTM D 792
ELECTRICAL			
Surface Resistivity	1.E+01 – 1.E+04	Ohm	ASTM D 257
FLAME CHARACTERISTICS (1)			
UL Yellow Card Link	E207780-101345226	-	-
UL Recognized, 94HB Flame Class Rating	1.5	mm	UL 94

(1) UL Ratings shown on the technical datasheet might not cover the full range of thicknesses and colors. For details, please see the UL Yellow Card.

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