LNP™ STAT-KON™ COMPOUND EE003XXC

EC-1003 CCS
REGION ASIA

DESCRIPTION

LNP STAT-KON* EE003XXC is a compound based on Polyetherimide resin containing 15% Carbon Fiber. Added features of this material include: Clean Compound System, Electrically Conductive.

TYPICAL PROPERTY VALUES

Revision 20190717

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	165	MPa	ASTM D 638
Tensile Strain, break	1.6	%	ASTM D 638
Flexural Stress	248	MPa	ASTM D 790
Flexural Modulus	11720	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	373	J/m	ASTM D 4812
THERMAL			
Relative Temp Index, Elec (1)	105	°C	UL 746B
Relative Temp Index, Mech w/impact (1)	105	°C	UL 746B
Relative Temp Index, Mech w/o impact (1)	105	°C	UL 746B
PHYSICAL			
Density	1.33	g/cm³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.1 – 0.3	%	ASTM D 955
ELECTRICAL			
Volume Resistivity	100 – 1000000	Ohm-cm	ASTM D 257
Surface Resistivity	1.E+02 – 1.E+06	Ohm	ASTM D 257
FLAME CHARACTERISTICS (1)			
UL Yellow Card Link	E207780-101345232	-	-
UL Recognized, 94V-0 Flame Class Rating	≥0.75	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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