



LNP™ STAT-KON™ Compound EE003XXC
Americas: COMMERCIAL

Also known as: LNP™ STAT-KON™ Compound EC-1003 CCS
Product reorder name: EE003XXC

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 PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	1680	kgf/cm ²	ASTM D 638
Tensile Strain, break	1.6	%	ASTM D 638
Flexural Stress	2530	kgf/cm ²	ASTM D 790
Flexural Modulus	119500	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	38	cm-kgf/cm	ASTM D 4812
PHYSICAL			
Density	1.33	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs (5)	0.1 - 0.3	%	ASTM D 955
ELECTRICAL			
Volume Resistivity	1.E+02 - 1.E+06	Ohm-cm	ASTM D 257
Surface Resistivity	1.E+02 - 1.E+06	Ohm	ASTM D 257





LNP™ STAT-KON™ Compound EE003XXC

Americas: COMMERCIAL

PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	120 - 150	°C
Drying Time	4 - 6	hrs
Maximum Moisture Content	0.02	%
Melt Temperature	360 - 365	°C
Front - Zone 3 Temperature	365 - 375	°C
Middle - Zone 2 Temperature	355 - 365	°C
Rear - Zone 1 Temperature	345 - 355	°C
Mold Temperature	120 - 150	°C
Back Pressure	0.3 - 0.7	MPa
Screw Speed	60 - 100	rpm

