



LNP™ STAT-KON™ Compound EX01696C

Americas: COMMERCIAL

Also known as: LNP™ STAT-KON™ Compound PDX-E-01696 CCS

Product reorder name: EX01696C

LNP STAT-KON EX01696C is a compound based on Polyetherimide resin containing Proprietary Filler(s). Added features of this material include: Electrically Conductive, Clean Compounding System.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, brk, Type I, 5 mm/min	960	kgf/cm ²	ASTM D 638
Tensile Strain, brk, Type I, 5 mm/min	3.6	%	ASTM D 638
Tensile Modulus, 50 mm/min	37600	kgf/cm ²	ASTM D 638
Flexural Stress, brk, 1.3 mm/min, 50 mm span	1630	kgf/cm ²	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	37000	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	49	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	3	cm-kgf/cm	ASTM D 256
PHYSICAL			
Density	1.38	g/cm ³	ASTM D 792
ELECTRICAL			
Surface Resistivity	1.E+06 - 1.E+08	Ohm	ASTM D 257



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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