



LNP™ STAT-KON™ Compound LX00797C

Americas: COMMERCIAL

Also known as: LNP™ STAT-KON™ Compound PDX-L-00797 CCS

Product reorder name: LX00797C

LNP™ STAT-KON™ LX00797C is a compound based on Polyetheretherketone containing Proprietary Filler(s). Added features of this material include: ristics of this grade are: Clean Compounding System, Electrically Conductive.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, brk, Type I, 5 mm/min	1580	kgf/cm ²	ASTM D 638
Tensile Strain, brk, Type I, 5 mm/min	2.5	%	ASTM D 638
Flexural Stress, brk, 1.3 mm/min, 50 mm span	1980	kgf/cm ²	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	80800	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	27	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	5	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	310	°C	ASTM D 648
PHYSICAL			
Specific Gravity	1.39	-	ASTM D 792
Moisture Absorption, 50% RH, 24 hrs	0.1	%	ASTM D 570
ELECTRICAL			
Volume Resistivity	1.E+03 - 1.E+06	Ohm-cm	ASTM D 257
Surface Resistivity	1.E+03 - 1.E+06	Ohm	ASTM D 257



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	150	°C
Drying Time	4 - 6	hrs
Front - Zone 3 Temperature	380 - 400	°C
Middle - Zone 2 Temperature	380 - 400	°C
Rear - Zone 1 Temperature	370 - 380	°C
Mold Temperature	175 - 190	°C
Back Pressure	0.3 - 0.7	MPa
Screw Speed	60 - 100	rpm