



LNP™ STAT-KON™ Compound DX95523C

Americas: COMMERCIAL

Also known as: LNP™ STAT-KON™ Compound PDX-D-95523 SG
Product reorder name: DX95523C

LNP STAT-KON DX95523C is a compound based on Polycarbonate resin containing Proprietary Filler(s). Added feature of this material is: Electrically Conductive.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	940	kgf/cm ²	ASTM D 638
Tensile Strain, break	1.4	%	ASTM D 638
Tensile Modulus, 50 mm/min	161700	kgf/cm ²	ASTM D 638
Flexural Stress	1260	kgf/cm ²	ASTM D 790
Flexural Modulus	92800	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	5	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	140	°C	ASTM D 648
PHYSICAL			
Density	1.28	g/cm ³	ASTM D 792
ELECTRICAL			
Surface Resistivity	1.E+02 - 1.E+05	Ohm	ASTM D 257





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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	120	°C
Drying Time	4	hrs
Maximum Moisture Content	0.02	%
Melt Temperature	305 - 325	°C
Front - Zone 3 Temperature	320 - 330	°C
Middle - Zone 2 Temperature	310 - 320	°C
Rear - Zone 1 Temperature	295 - 305	°C
Mold Temperature	80 - 110	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm

