



LNP™ STAT-KON™ Compound DX03633C

Americas: COMMERCIAL

Also known as: LNP™ STAT-KON™ Compound PDX-D-03633 CCS

Product reorder name: DX03633C

LNP STAT-KON™ DX03633C is a compound based on Polycarbonate resin containing Proprietary Filler(s). Added features of this material include: Clean Compounding System, Electrically Conductive.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	890	kgf/cm ²	ASTM D 638
Tensile Strain, break	2.7	%	ASTM D 638
Tensile Modulus, 50 mm/min	63000	kgf/cm ²	ASTM D 638
Flexural Stress	1460	kgf/cm ²	ASTM D 790
Flexural Modulus	56800	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	38	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	4	cm-kgf/cm	ASTM D 256
PHYSICAL			
Density	1.27	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs (5)	0.38	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs (5)	0.46	%	ASTM D 955
ELECTRICAL			
Volume Resistivity	1.E+04 - 1.E+00	Ohm-cm	ASTM D 257



LNP™ STAT-KON™ Compound DX03633C

Americas: COMMERCIAL

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