



LNP™ STAT-KON™ Compound DX04403

Americas: COMMERCIAL

Also known as: LNP™ STAT-KON™ Compound PDX-D-04403

Product reorder name: DX04403

LNP STAT-KON™ DX04403 is a compound based on Polycarbonate resin containing Proprietary Filler(s). Added features of this material include: Electrically Conductive, Flame Retardant.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	910	kgf/cm ²	ASTM D 638
Tensile Stress, brk, Type I, 5 mm/min	910	kgf/cm ²	ASTM D 638
Tensile Strain, break	6.3	%	ASTM D 638
Tensile Strain, brk, Type I, 5 mm/min	6.3	%	ASTM D 638
Flexural Stress	1440	kgf/cm ²	ASTM D 790
Flexural Stress, brk, 1.3 mm/min, 50 mm span	1440	kgf/cm ²	ASTM D 790
Flexural Modulus	49917100	kgf/cm ²	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	49917100	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	58	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	6	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	143	°C	ASTM D 648
HDT, 1.82 MPa, 3.2mm, unannealed	140	°C	ASTM D 648
PHYSICAL			
Density	1.253	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs (5)	0.3	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs (5)	0.4	%	ASTM D 955
ELECTRICAL			
Surface Resistivity	1.E+06 - 1.E+09	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