



LNP™ STAT-KON™ Compound DEL329E

Americas: COMMERCIAL

Also known as: LNP™ STAT-KON™ Compound DCL-4032 EM FR

Product reorder name: DEL329E

LNP STAT-KON DEL329E is a compound based on Polycarbonate resin containing 10% Carbon Fiber, 15% PTFE. Added features of this material include: Electrically Conductive, Flame Retardant, Wear Resistant, Easy Molding.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	1010	kgf/cm ²	ASTM D 638
Tensile Strain, break	1.8	%	ASTM D 638
Tensile Modulus, 50 mm/min	101200	kgf/cm ²	ASTM D 638
Flexural Stress	1610	kgf/cm ²	ASTM D 790
Flexural Modulus	91300	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	38	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	7	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	145	°C	ASTM D 648
PHYSICAL			
Density	1.4	g/cm ³	ASTM D 792
ELECTRICAL			
Surface Resistivity	1.E+00 - 6.E+00	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