



LNP* Stat-kon* Compound EE008E

Asia Pacific: COMMERCIAL

Also known as: LNP* Stat-kon* Compound EC-1008 EM

Product reorder name: EE008E

LNP STAT-KON* EE008E is a compound based on Polyetherimide resin containing Carbon Fiber. Added features of this material include: Easy Molding.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	UNIT	STANDARD
MECHANICAL			
Tensile Stress, break	2260	kgf/cm ²	ASTM D 638
Tensile Strain, break	1.5	%	ASTM D 638
Flexural Stress	3210	kgf/cm ²	ASTM D 790
Flexural Modulus	260100	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	43	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	5	cm-kgf/cm	ASTM D 256
PHYSICAL			
Density	1.46	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.02 - 0.1	%	ASTM D 955
Mold Shrinkage, xflow, 24 hrs	0.2 - 0.3	%	ASTM D 955
Wear Factor Washer	70	10 ⁻¹⁰ in ⁵ -min/ft-lb-hr	ASTM D 3702 Modified
Dynamic COF	0.5	-	ASTM D 3702 Modified
Static COF	0.46	-	ASTM D 3702 Modified



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PROCESSING PARAMETERS	TYPICAL VALUE	UNIT
Injection Molding		
Drying Temperature	120 - 150	°C
Drying Time	4	hrs
Maximum Moisture Content	0.05	%
Melt Temperature	360 - 365	°C
Front - Zone 3 Temperature	365 - 375	°C
Middle - Zone 2 Temperature	355 - 365	°C
Rear - Zone 1 Temperature	345 - 355	°C
Mold Temperature	120 - 150	°C
Back Pressure	0.3 - 0.7	MPa
Screw Speed	60 - 100	rpm