



LNP™ STAT-KON™ Compound OE008A

Americas: COMMERCIAL

Also known as: LNP™ STAT-KON™ Compound EMI-X OC-1008

Product reorder name: OE008A

LNP™ STAT-KON™ OE008A is a compound based on PPS - Branched resin containing 40% Carbon Fiber. Added feature of this grade is: Electrically Conductive.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	1840	kgf/cm ²	ASTM D 638
Tensile Strain, break	0.9	%	ASTM D 638
Flexural Stress	2670	kgf/cm ²	ASTM D 790
Flexural Modulus	277000	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	49	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	3	cm-kgf/cm	ASTM D 256
PHYSICAL			
Density	1.49	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 3.2 mm (5)	0.1 - 0.3	%	SABIC Method
Mold Shrinkage, xflow, 3.2 mm (5)	0.6 - 0.9	%	SABIC Method
ELECTRICAL			
Surface Resistivity	1.E+01 - 1.E+03	Ohm	ASTM D 257



LNP™ STAT-KON™ Compound OE008A

Americas: COMMERCIAL

PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	120 - 150	°C
Drying Time	4	hrs
Melt Temperature	315 - 320	°C
Front - Zone 3 Temperature	330 - 345	°C
Middle - Zone 2 Temperature	320 - 330	°C
Rear - Zone 1 Temperature	305 - 315	°C
Mold Temperature	140 - 165	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm