LNP™ STAT-KON™ COMPOUND OE008A

EMI-X OC-1008
REGION ASIA

DESCRIPTION

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 PROPERTY VALUES

Revision 20190717

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	180	MPa	ASTM D 638
Tensile Strain, break	0.9	%	ASTM D 638
Flexural Stress	262	MPa	ASTM D 790
Flexural Modulus	27160	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	480	J/m	ASTM D 4812
Izod Impact, notched, 23°C	37	J/m	ASTM D 256
PHYSICAL			
Density	1.49	g/cm³	ASTM D 792
Mold Shrinkage, flow, 3.2 mm	0.1 – 0.3	%	SABIC method
Mold Shrinkage, xflow, 3.2 mm	0.6 – 0.9	%	SABIC method
ELECTRICAL			
Surface Resistivity	1.E+01 – 1.E+03	Ohm	ASTM D 257
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	

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