



LNP™ STAT-KON™ Compound ZE002

Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP™ STAT-KON™ Compound ZC-1002

Product reorder name: ZE002

LNP STAT-KON ZE002 is a compound based on PPE+PS Blend resin containing Carbon Fiber. Added features of this material include: Electrically Conductive.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break, 5 mm/min	104	MPa	ISO 527
Tensile Strain, break, 5 mm/min	1.6	%	ISO 527
Flexural Stress, break, 2 mm/min	115	MPa	ISO 178
Flexural Modulus, 2 mm/min	5500	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	15	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	5	kJ/m ²	ISO 180/1A
PHYSICAL			
Mold Shrinkage on Tensile Bar, flow (2) (5)	0.2 - 0.4	%	SABIC Method
Density	1.11	g/cm ³	ISO 1183
ELECTRICAL			
Surface Resistivity	1.E+02 - 1.E+04	Ohm	ASTM D 257



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	120	°C
Drying Time	4	hrs
Melt Temperature	300 - 305	°C
Front - Zone 3 Temperature	300 - 310	°C
Middle - Zone 2 Temperature	290 - 300	°C
Rear - Zone 1 Temperature	275 - 290	°C
Mold Temperature	80 - 110	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm