



LNP™ STAT-KON™ Compound RX10004

Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP™ STAT-KON™ Compound RX10004
Product reorder name: RX10004

LNP STAT-KON RX10004 is a compound based on PA66 resin, containing Glass Fiber and Carbon Fiber. Added features are: Electrically Conductive, Easy Molding

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield, 5 mm/min	230	MPa	ISO 527
Tensile Strain, break, 5 mm/min	2.8	%	ISO 527
Tensile Modulus, 1 mm/min	18900	MPa	ISO 527
Flexural Stress, yield, 2 mm/min	334	MPa	ISO 178
Flexural Modulus, 2 mm/min	16900	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	93	kJ/m ²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	14	kJ/m ²	ISO 180/1A
PHYSICAL			
Mold Shrinkage, flow (5)	0.2 - 0.4	%	SABIC Method
Density	1.54	g/cm ³	ISO 1183
ELECTRICAL			
Surface Resistivity	1.E+05 - 1.E+07	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