+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

LNP™ STAT-KON™ Compound WEF32ISP
Europe-Africa-Middle East: COMMERCIAL

LNP * STAT-KON* WEF32ISP is a compound based on Polybutylene Terephalate resin containing Glass Fiber and Carbon Fiber. Added features include High Impact, Heat Stabilized and Electrically Conductive.

TYPICAL PROPERTIES[1]	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break, 5 mm/min	101	MPa	ISO 527
Tensile Strain, break, 5 mm/min	4	%	ISO 527
Flexural Stress, break, 2 mm/min	152	MPa	ISO 178
Flexural Modulus, 2 mm/min	7800	MPa	ISO 178
IMPACT			
Izod Impact, unnotched 80*10*4 +23°C	65	kJ/m²	ISO 180/1U
Izod Impact, notched 80*10*4 +23°C	17	kJ/m²	ISO 180/1A
THERMAL			
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	191	°C	ISO 75/Af
PHYSICAL			
Mold Shrinkage, flow (5)	0.15	%	SABIC Method
Density	1.36	g/cm³	ISO 1183
ELECTRICAL			
Surface Resistivity	1.E+03 - 1.E+05	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	0.05	%
Melt Temperature	240 - 265	°C
Front - Zone 3 Temperature	260 - 270	°C
Middle - Zone 2 Temperature	245 - 255	°C
Rear - Zone 1 Temperature	220 - 230	°C
Mold Temperature	80 - 100	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm