



LNP™ STAT-KON™ Compound WX06322

Asia Pacific: COMMERCIAL

CF filled low warpage PBT Grade

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Flexural Stress, yield, 6.4 mm	2050	kgf/cm ²	ASTM D 790
Flexural Modulus, 6.4 mm	116700	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	7	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 6.4 mm, unannealed	204	°C	ASTM D 648
CTE, 23°C to 60°C, flow	1.32E-05	1/°C	ISO 11359-2
CTE, 23°C to 60°C, xflow	8.25E-05	1/°C	ISO 11359-2
PHYSICAL			
Specific Gravity	1.55	-	ASTM D 792
Mold Shrinkage, flow, 1.5-3.2 mm (5)	0.17	%	SABIC Method
Mold Shrinkage, xflow, 1.5-3.2 mm (5)	0.55	%	SABIC Method
ELECTRICAL			
Surface Resistivity	1.3E+06	Ohm	ASTM D 257
FLAME CHARACTERISTICS			
UL Recognized, 94V-0 Flame Class Rating (3)	2	mm	UL 94



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	120	°C
Drying Time	3 - 4	hrs
Drying Time (Cumulative)	12	hrs
Maximum Moisture Content	0.02	%
Melt Temperature	250 - 265	°C
Nozzle Temperature	245 - 260	°C
Front - Zone 3 Temperature	250 - 265	°C
Middle - Zone 2 Temperature	245 - 260	°C
Rear - Zone 1 Temperature	240 - 255	°C
Mold Temperature	65 - 90	°C
Back Pressure	0.3 - 0.7	MPa
Screw Speed	50 - 80	rpm
Shot to Cylinder Size	40 - 80	%
Vent Depth	0.025 - 0.038	mm