

LNPTM STAT-KONTM COMPOUND WX06322

REGION ASIA

DESCRIPTION

CF filled low warpage PBT Grade

TYPICAL PROPERTY VALUES

Revision 20181231

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Flexural Stress, yield, 6.4 mm	202	MPa	ASTM D 790
Flexural Modulus, 6.4 mm	11450	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	78	J/m	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	0.17	%	SABIC method
Mold Shrinkage, xflow, 1.5-3.2 mm	0.55	%	SABIC method
ELECTRICAL			
Surface Resistivity	1.3E+06	Ohm	ASTM D 257
FLAME CHARACTERISTICS			
UL Recognized, 94V-0 Flame Class Rating	2	mm	UL 94
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	



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