

LNPTM STAT-KONTM COMPOUND VC120

REGION ASIA

DESCRIPTION

LNPTM STAT-KONTM Compound VC120.

TYPICAL PROPERTY VALUES

Revision 20181231

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	154	MPa	SABIC - Japan Method
Tensile Strain, break	3 – 3	%	SABIC - Japan Method
Flexural Stress	216	MPa	ASTM D 790
Flexural Modulus	12060	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	88	J/m	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	206	°C	ASTM D 648
CTE, -30°C to 30°C	0.00006 – 0.00006	1/°C	TMA
PHYSICAL			
Specific Gravity	1.47	-	ASTM D 792
Water Absorption, 24 hours	0.07	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm	0.1 – 0.2	%	SABIC method
Mold Shrinkage, flow, 6.4 mm	0.6 – 0.7	%	SABIC method
ELECTRICAL			
Surface Resistivity	1.E+03 – 1.E+08	Ohm	ASTM D 257
FLAME CHARACTERISTICS			
UL Recognized, 94V-0 Flame Class Rating	1.5	mm	UL 94

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