

# LNP<sup>TM</sup> STAT-KON<sup>TM</sup> COMPOUND VC112

REGION ASIA

## DESCRIPTION

LNP<sup>TM</sup> STAT-KON<sup>TM</sup> Compound VC112.

## TYPICAL PROPERTY VALUES

Revision 20181231

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>MECHANICAL</b>			
Tensile Stress, yield	117	MPa	SABIC - Japan Method
Tensile Strain, break	3 – 3	%	SABIC - Japan Method
Flexural Stress	176	MPa	ASTM D 790
Flexural Modulus	7350	MPa	ASTM D 790
<b>IMPACT</b>			
Izod Impact, notched, 23°C	49	J/m	ASTM D 256
<b>THERMAL</b>			
HDT, 0.45 MPa, 3.2 mm, unannealed	180	°C	ASTM D 648
CTE, -30°C to 30°C	0.00006 – 0.00006	1/°C	TMA
<b>PHYSICAL</b>			
Specific Gravity	1.44	-	ASTM D 792
Water Absorption, 24 hours	0.07	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm	0.2 – 0.3	%	SABIC method
Mold Shrinkage, flow, 6.4 mm	0.7 – 0.8	%	SABIC method
<b>ELECTRICAL</b>			
Surface Resistivity	1.E+05 – 1.E+08	Ohm	ASTM D 257

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