LNP™ STAT-LOY™ COMPOUND LAT4000

DESCRIPTION

LNP* STAT-LOY* LAT400 is an antistatic compound based on Polycarbonate containing proprietary fillers.

TYPICAL PROPERTY VALUES

Revision 20191216

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	65	MPa	SABIC - Japan Method
Tensile Strain, break	220	%	SABIC - Japan Method
Flexural Stress	86	MPa	ASTM D 790
Flexural Modulus	2200	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	833	J/m	ASTM D 256
THERMAL			
HDT, 0.45 MPa, 3.2 mm, unannealed	130	°C	ASTM D 648
CTE, -30°C to 30°C	7.00E-05	1/°C	TMA
Relative Temp Index, Elec (1)	80	°C	UL 746B
Relative Temp Index, Mech w/impact (1)	80	°C	UL 746B
Relative Temp Index, Mech w/o impact (1)	80	°C	UL 746B
PHYSICAL			
Specific Gravity	1.2	-	ASTM D 792
Mold Shrinkage, flow, 3.2 mm	0.5 – 0.7	%	SABIC method
ELECTRICAL			
Surface Resistivity	1.E+12	Ohm	ASTM D 257
Relative Permittivity, 50/60 Hz	3.2	-	ASTM D 150
FLAME CHARACTERISTICS (1)			
UL Yellow Card Link	E45587-236898	-	-
UL Recognized, 94V-2 Flame Class Rating	≥0.75	mm	UL 94

(1) UL Ratings shown on the technical datasheet might not cover the full range of thicknesses and colors. For details, please see the UL Yellow Card.

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