

LNP™ STAT-LOY™ LAT4000 compound

Polycarbonate

SABIC Innovative Plastics Asia Pacific

Message:

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

General Information			
Filler / Reinforcement	Proprietary		
Features	Antistatic		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.50 to 0.70	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	65.7	MPa	Internal Method
Tensile Elongation (Break)	220	%	Internal Method
Flexural Modulus	2200	MPa	ASTM D790
Flexural Strength	86.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	830	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.20 mm)	130	°C	ASTM D648
CLTE - Flow (-30 to 30°C)	7.0E-5	cm/cm/°C	ASTM E831
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+12	ohms	ASTM D257
Dielectric Constant			ASTM D150
50 Hz	3.20		
60 Hz	3.20		

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Recommended distributors for this material

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