

LNP™ LUBRICOMP™ Lexan_LF1000 compound

Polycarbonate

SABIC Innovative Plastics Asia Pacific

Message:

LNP™ LUBRICOMP™ Lexan_LF1000 compound is a Polycarbonate (PC) material. It is available in Asia Pacific. Primary attribute of LNP™ LUBRICOMP™ Lexan_LF1000 compound: Flame Rated.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.50 to 0.70	%	Internal Method
Water Absorption (24 hr)	0.15	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	118		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	66.7	MPa	Internal Method
Tensile Elongation (Break)	220	%	Internal Method
Flexural Modulus	2150	MPa	ASTM D790
Flexural Strength	84.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	180	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.20 mm)	136	°C	ASTM D648
CLTE - Flow (-30 to 30°C)	5.0E-5 to 7.0E-5	cm/cm/°C	ASTM E831
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.70 mm)	V-0		UL 94

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Recommended distributors for this material

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