

LEXAN™ LGK4030 resin

Polycarbonate

SABIC Innovative Plastics Asia Pacific

Message:

LEXAN™ LGK4030 resin is a Polycarbonate (PC) material. It is available in Asia Pacific.

General Information			
UL YellowCard	E45587-236911		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.54	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.15 to 0.20	%	Internal Method
Water Absorption (24 hr)	0.14	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	91		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	129	MPa	Internal Method
Tensile Elongation (Break)	3.0 to 5.0	%	Internal Method
Flexural Modulus	8820	MPa	ASTM D790
Flexural Strength	180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.20 mm)	145	°C	ASTM D648
CLTE - Flow (-30 to 30°C)	2.2E-5 to 4.3E-5	cm/cm/°C	ASTM E831
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	ASTM D257

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Recommended distributors for this material

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