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Component - Plastics [\[guide info\]](#)

E207780

**SABIC JAPAN L L C**

PACIFIC GRADES - RESIN, 2-2 KINUGAOKA, MOKA-SHI TOCHIGI-KEN 321-4392 JP

**925A(GG), 945A(GG), 955A(GG)**

Polycarbonate (PC), "Lexan", furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI		RTI Str
					Elec	Imp	
ALL	0.8	V-2	3	4	130	120	125
	1.0	V-2	3	4	130	120	125
	1.5	V-2	3	3	130	120	125
	2.3	V-2	3	3	130	120	130
	2.5	V-1	3	3	130	120	130
	3.0	V-0	2	3	130	120	130

Comparative Tracking Index (CTI): 2

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): 39

Volume Resistivity (10<sup>x</sup> ohm-cm): 16

High-Voltage Arc Tracking Rate (HVTR): 3

High Volt, Low Current Arc Resis (D495): 7

Dimensional Stability (%): 0

(GG) - Denotes a global grade formulation previously in File E161759.

NOTE - Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or numeric/alpha combination.

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

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**IEC and ISO Test Methods**

Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.8	V-2 (ALL)
			1.0	V-2 (ALL)
			1.5	V-2 (ALL)
			2.3	V-2 (ALL)
			2.5	V-1 (ALL)
			3.0	V-0 (ALL)
			Glow-Wire Flammability (GWFI)	IEC 60695-2-12
1.0	960			
1.5	960			
2.3	960			
2.5	960			
3.0	960			
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	0.8	800
			1.0	800
			1.5	800
			2.3	800
			2.5	800
			3.0	800
			IEC Comparative Tracking Index	IEC 60112
IEC Ball Pressure	IEC 60695-10-2	C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m <sup>2</sup>	-	-
ISO Izod Impact	ISO 180	kJ/m <sup>2</sup>	-	-
ISO Charpy Impact	ISO 179-2	kJ/m <sup>2</sup>	-	-