

SABIC JAPAN L L C
 PACIFIC GRADES - RESIN
 2-2 KINUGAOKA
 MOKA-SHI TOCHIGI-KEN 321-4392 JP

945(GG), 945CB, 945RW, 945CR

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

(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.

Flammability	Value	Test Method
Flame Rating		
0.8 mm	V-2 (ALL)	IEC 60695-11-10, IEC 60695-11-20
1.0 mm	V-0 (ALL)	IEC 60695-11-10, IEC 60695-11-20
1.2 mm	V-0 (ALL)	IEC 60695-11-10, IEC 60695-11-20
1.5 mm	V-0 (ALL)	IEC 60695-11-10, IEC 60695-11-20
3.0 mm	V-0, 5VA (ALL)	IEC 60695-11-10, IEC 60695-11-20
Glow-Wire Flammability (GWFI)		
0.8 mm	825 °C	IEC 60695-2-12
1.0 mm	825 °C	IEC 60695-2-12
1.2 mm	825 °C	IEC 60695-2-12
1.5 mm	960 °C	IEC 60695-2-12
3.0 mm	960 °C	IEC 60695-2-12
Glow-Wire Ignition (GWIT)		
0.8 mm	800 °C	IEC 60695-2-13
1.0 mm	800 °C	IEC 60695-2-13
1.2 mm	800 °C	IEC 60695-2-13
1.5 mm	800 °C	IEC 60695-2-13
3.0 mm	850 °C	IEC 60695-2-13
Electrical	Value	Test Method
High Amp Arc Ignition (HAI)		
0.8 mm	PLC 4	UL 746A
1.0 mm	PLC 3	UL 746A
1.2 mm	PLC 3	UL 746A
1.5 mm	PLC 3	UL 746A
3.0 mm	PLC 3	UL 746A
Hot-wire Ignition (HWI)		
0.8 mm	PLC 3	UL 746A
1.0 mm	PLC 3	UL 746A
1.2 mm	PLC 3	UL 746A
1.5 mm	PLC 3	UL 746A
3.0 mm	PLC 2	UL 746A
Dielectric Strength	33 kV/mm	ASTM D149
Volume Resistivity	10E+15 ohms-cm	ASTM D257, IEC 60093
Comparative Tracking Index (CTI)	PLC 2	UL 746A
High-Voltage Arc Tracking Rate (HVTR)	PLC 4	UL 746A
Arc Resistance	PLC 7	ASTM D495



Go To UL iQ Link (<https://iq.ul.com/ul/cert.aspx?ULID=228407>)

Report Date: 2001-04-06
 Last Revised: 2022-01-06

此数据表中的信息由塑库网 (<https://www.plasdata.com>) 从该材料的生产商处获得。塑库网尽最大努力确保此数据的准确性。但是塑库网对这些数据值不承担任何责任，并强烈建议在最终选择材料前，就数据值与材料供应商进行验证。

Thermal	Value	Test Method
RTI Imp		
0.8 mm	120 °C	UL 746B
1.0 mm	120 °C	UL 746B
1.2 mm	120 °C	UL 746B
1.5 mm	120 °C	UL 746B
3.0 mm	120 °C	UL 746B
RTI Str		
0.8 mm	125 °C	UL 746B
1.0 mm	125 °C	UL 746B
1.2 mm	125 °C	UL 746B
1.5 mm	125 °C	UL 746B
3.0 mm	130 °C	UL 746B
RTI Elec		
0.8 mm	130 °C	UL 746B
1.0 mm	130 °C	UL 746B
1.2 mm	130 °C	UL 746B
1.5 mm	130 °C	UL 746B
3.0 mm	130 °C	UL 746B
IEC Ball Pressure	125 °C	IEC 60695-10-2



Go To UL iQ Link (<https://iq.ul.com/ul/cert.aspx?ULID=228407>)

Report Date: 2001-04-06
Last Revised: 2022-01-06

此数据表中的信息由塑库网 (<https://www.plasdata.com>) 从该材料的生产商处获得。塑库网尽最大努力确保此数据的准确性。但是塑库网对这些数据值不承担任何责任，并强烈建议在最终选择材料前，就数据值与材料供应商进行验证。