



SABIC INNOVATIVE PLASTICS US L L C
AMERICAS - RESIN, 1 PLASTICS AVE, PITTSFIELD MA 01201-3662



Lexan: 500(f2), 500R(f2)

Polycarbonate (PC), pellets, glass reinforced, flame retardant

(f2) - Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL.

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

可燃性	值	测试方法
UL 阻燃等级		UL 94
1.10 mm, BK	V-0	IEC 60695-11-10, -20
1.50 mm, ALL	V-0	
3.00 mm, ALL	V-0, 5VA	
6.00 mm, ALL	V-0, 5VA	
2.00 mm, NC, BK, WT	RP75	
灼热丝易燃指数		IEC 60695-2-12
1.10 mm	960 °C	
1.50 mm	960 °C	
2.00 mm	960 °C	
3.00 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
1.10 mm	825 °C	
1.50 mm	825 °C	
2.00 mm	825 °C	
3.00 mm	825 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
1.50 mm	PLC 2	
2.00 mm	PLC 2	
3.00 mm	PLC 1	
6.00 mm	PLC 1	
高电弧燃烧指数(HAI)		UL 746
1.10 mm	PLC 3	
1.50 mm	PLC 3	
2.00 mm	PLC 3	
3.00 mm	PLC 3	
6.00 mm	PLC 3	
相比耐漏电起痕指数(CTI)	PLC 3	UL 746
介电强度	36 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 4	UL 746
体积电阻率	1.0E+15 ohm·cm	ASTM D257 IEC 60093
耐电弧性	PLC 7	ASTM D495

组件 - 塑料

UL 档案号: E121562



热性能	值	测试方法
RTI Elec		UL 746
1.10 mm	80.0 °C	
1.50 mm	130 °C	
2.00 mm	130 °C	
3.00 mm	130 °C	
6.00 mm	130 °C	
RTI Imp		UL 746
1.10 mm	80.0 °C	
1.50 mm	125 °C	
2.00 mm	125 °C	
3.00 mm	130 °C	
6.00 mm	130 °C	
RTI		UL 746
1.10 mm	80.0 °C	
1.50 mm	125 °C	
2.00 mm	130 °C	
3.00 mm	130 °C	
6.00 mm	130 °C	
Ball Pressure Test (125°C, 3.00 mm)	Pass	IEC 60695-10-2
物理性能	值	测试方法
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796
室外适用性	f2	UL 746C

Notice of Disclaimer

By accessing this Yellow Card data information sheet and the database from which this information was generated (the "Yellow Card"), the user acknowledges and accepts the terms and conditions upon which this Yellow Card is made available. This Yellow Card, the database from which it was generated, and all related materials, support, and services, are made available by UL for use only by permission and "as is", without any representation or warranty of any kind, express or implied, including but not limited to any implied warranties of merchantability, fitness for a particular purpose or that the products identified in this Yellow Card will satisfy the user's requirements. UL cannot and does not warrant that the data contained in this Yellow Card is current, accurate, or complete. The user must independently confirm the conformance of any product to the applicable standards or requirements with the manufacturer of that product. Permission to access this Yellow Card may be withdrawn at any time by UL in its sole discretion. The identification of products and companies on this Yellow Card does not in any way imply endorsement of those products or companies by UL. UL does not assume and expressly disclaims, liability to any person for any loss or damage (including lost profits, lost savings, or any indirect, special, incidental, consequential or punitive damages whether or not UL has been advised of the possibility of such damages) arising out of, or in connection with, the use of this Yellow Card regardless of the cause or causes of such loss or damage.