



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



Cyclac: MG47F

Acrylonitrile Butadiene Styrene (ABS), pellets

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		
1.5 mm, ALL	HB	UL 94
2.0 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
4.0 mm, ALL	HB	UL 94
6.0 mm, ALL	HB	UL 94
3.0 mm, ALL	HB40	IEC 60695-11-10, -20
4.0 mm, ALL	HB40	IEC 60695-11-10, -20
6.0 mm, ALL	HB40	IEC 60695-11-10, -20
1.5 mm, ALL	HB75	IEC 60695-11-10, -20
2.0 mm, ALL	HB75	IEC 60695-11-10, -20
灼热丝易燃指数		IEC 60695-2-12
1.0 mm	675 °C	
1.5 mm	700 °C	
2.0 mm	700 °C	
3.0 mm	675 °C	
4.0 mm	675 °C	
热灯丝点火温度		IEC 60695-2-13
1.0 mm	700 °C	
1.5 mm	725 °C	
2.0 mm	725 °C	
3.0 mm	700 °C	
4.0 mm	700 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
1.5 mm	PLC 4	
2.0 mm	PLC 4	
3.0 mm	PLC 3	
4.0 mm	PLC 3	
6.0 mm	PLC 3	
高电弧燃烧指数(HAI)		UL 746
1.5 mm	PLC 0	
2.0 mm	PLC 0	
3.0 mm	PLC 0	
4.0 mm	PLC 0	
6.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 0	UL 746
介电强度	33 kV/mm	ASTM D149 IEC 60243-1



组件 - 塑料

UL 档案号: E121562

电气性能	值	测试方法
高电压电弧起痕速率 (HVTR)	PLC 3	UL 746
体积电阻率	1.0E+16 ohms-cm	ASTM D257 IEC 60093
耐电弧性	PLC 6	ASTM D495
热性能	值	测试方法
RTI Elec		UL 746
1.0 mm	60.0 °C	
1.5 mm	80.0 °C	
2.0 mm	80.0 °C	
3.0 mm	80.0 °C	
4.0 mm	80.0 °C	
6.0 mm	80.0 °C	
RTI Imp		UL 746
1.0 mm	60.0 °C	
1.5 mm	80.0 °C	
2.0 mm	80.0 °C	
3.0 mm	80.0 °C	
4.0 mm	80.0 °C	
6.0 mm	80.0 °C	
RTI		UL 746
1.0 mm	60.0 °C	
1.5 mm	80.0 °C	
2.0 mm	80.0 °C	
3.0 mm	80.0 °C	
4.0 mm	80.0 °C	
6.0 mm	80.0 °C	
物理性能	值	测试方法
Dimensional Stability	0.040 %	ASTM D1042 ISO 2796

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