



组件 - 塑料  
UL 档案号: E121562

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



Cyclocac: GPM4700(GG)(f2), MG38(GG)(uv), MG38N(uv), MG38F(uv), MGABS01(uv)

Acrylonitrile Butadiene Styrene (ABS), pellets

(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.

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

(uv) - Although this grade received a (f2) rating, the physical property and flammability test data were different from the other grades in this grouping.

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		
1.50 mm, BL, GN	HB	UL 94
2.00 mm, BL, GN	HB	UL 94
3.00 mm, BL, GN	HB	UL 94
6.00 mm, BL, GN	HB	UL 94
3.00 mm, BL, GN	HB40	IEC 60695-11-10, -20
6.00 mm, BL, GN	HB40	IEC 60695-11-10, -20
1.50 mm, BL, GN	HB75	IEC 60695-11-10, -20
2.00 mm, BL, GN	HB75	IEC 60695-11-10, -20
灼热丝易燃指数		IEC 60695-2-12
1.00 mm	650 °C	
1.50 mm	650 °C	
2.00 mm	650 °C	
3.00 mm	650 °C	
6.00 mm	650 °C	
热灯丝点火温度		IEC 60695-2-13
1.00 mm	700 °C	
1.50 mm	700 °C	
2.00 mm	700 °C	
3.00 mm	700 °C	
6.00 mm	700 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
1.50 mm	PLC 4	
2.00 mm	PLC 4	
3.00 mm	PLC 4	
6.00 mm	PLC 4	
高电弧燃烧指数(HAI)		UL 746
1.50 mm	PLC 0	
2.00 mm	PLC 0	
3.00 mm	PLC 0	
6.00 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 0	UL 746
介电强度	25 kV/mm	ASTM D149 IEC 60243-1





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电气性能	值	测试方法
高电压电弧起痕速率 (HVTR)	PLC 2	UL 746
体积电阻率	1.0E+16 ohm·cm	ASTM D257 IEC 60093
耐电弧性	PLC 5	ASTM D495
热性能	值	测试方法
RTI Elec		UL 746
1.00 mm	60.0 °C	
1.50 mm	60.0 °C	
2.00 mm	60.0 °C	
3.00 mm	60.0 °C	
6.00 mm	60.0 °C	
RTI Imp		UL 746
1.00 mm	60.0 °C	
1.50 mm	60.0 °C	
2.00 mm	60.0 °C	
3.00 mm	60.0 °C	
6.00 mm	60.0 °C	
RTI Str		UL 746
1.00 mm	60.0 °C	
1.50 mm	60.0 °C	
2.00 mm	60.0 °C	
3.00 mm	60.0 °C	
6.00 mm	60.0 °C	
物理性能	值	测试方法
Dimensional Stability	0.73 %	ASTM D1042 ISO 2796
室外适用性	f2	UL 746C

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