



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



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.

@ - All colors except blue and green. Acceptable colors are denoted by the material followed by any numerical value except 5 or 9 or any alpha except BL or GN

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	HB	UL 94
2.00 mm	HB	UL 94
3.00 mm	HB	UL 94
6.00 mm	HB	UL 94
3.00 mm	HB40	IEC 60695-11-10, -20
6.00 mm	HB40	IEC 60695-11-10, -20
1.50 mm	HB75	IEC 60695-11-10, -20
2.00 mm	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	
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	
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	80.0 °C	
1.50 mm	80.0 °C	
2.00 mm	80.0 °C	
3.00 mm	80.0 °C	
6.00 mm	80.0 °C	
RTI Imp		UL 746
1.00 mm	80.0 °C	
1.50 mm	80.0 °C	
2.00 mm	80.0 °C	
3.00 mm	80.0 °C	
6.00 mm	80.0 °C	
RTI Str		UL 746
1.00 mm	80.0 °C	
1.50 mm	80.0 °C	
2.00 mm	80.0 °C	
3.00 mm	80.0 °C	
6.00 mm	80.0 °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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