



COVESTRO DEUTSCHLAND AG [PC RESINS]

Chempark
Gebäude B207
Leverkusen, 51368 Germany



Makrolon: 2807 + (z)(f2), 2807 + RE (f2)

Polycarbonate (PC), 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.
- (z) - Material designation and color code may be followed by up to three letters and/or three numbers (does not include grades which are separately recognized with above material designation and suffix)
- + - Material designations may be followed by a six digit numerical code denoting color.

可燃性	值	测试方法
UL 阻燃等级		
2.5 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
6.0 mm, ALL	HB	UL 94
0.60 mm, TL	V-2	UL 94 IEC 60695-11-10, -20
0.75 mm, ALL	V-2	UL 94 IEC 60695-11-10, -20
1.5 到 2.4 mm, ALL	V-2	UL 94 IEC 60695-11-10, -20
3.0 mm, ALL	HB40	IEC 60695-11-10, -20
6.0 mm, ALL	HB40	IEC 60695-11-10, -20
2.5 mm, ALL	HB75	IEC 60695-11-10, -20
电气性能		
热丝引燃 (HWI)		
1.5 到 2.4 mm	PLC 3	UL 746A
2.5 mm	PLC 3	
3.0 mm	PLC 2	
6.0 mm	PLC 0	
高电弧燃烧指数(HAI)		
1.5 到 2.4 mm	PLC 0	UL 746A
2.5 mm	PLC 0	
3.0 mm	PLC 0	
6.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 2	UL 746A
介电强度	29 kV/mm	ASTM D149
高电压电弧起痕速率 (HVTR)	PLC 0	UL 746A
耐电弧性	PLC 5	ASTM D495



热性能	值	测试方法
RTI Elec		UL 746B
0.60 mm	80.0 °C	
0.75 mm	125 °C	
1.5 到 2.4 mm	125 °C	
2.5 mm	125 °C	
3.0 mm	125 °C	
6.0 mm	125 °C	
RTI Imp		UL 746B
0.60 mm	80.0 °C	
0.75 mm	115 °C	
1.5 到 2.4 mm	115 °C	
2.5 mm	115 °C	
3.0 mm	115 °C	
6.0 mm	115 °C	
RTI		UL 746B
0.60 mm	80.0 °C	
0.75 mm	125 °C	
1.5 到 2.4 mm	125 °C	
2.5 mm	125 °C	
3.0 mm	125 °C	
6.0 mm	125 °C	
物理性能	值	测试方法
Dimensional Change	0.0 %	ASTM D1042 ISO 2796
室外适用性	f2	UL 746C