



Covestro Deutschland AG [PC Resins]
Chempark, Gebaeude B207, Leverkusen 51368 DE



Makrolon: 2400 + (z)(f1), 2407 + (z)(f1), 2408 + (z), 2456 + (z), 2458 + (z), AL2447 + (f1), AL2447 + MAS402 (f1)

Polycarbonate (PC), pellets

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

(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.

	值	测试方法
UL 阻燃等级		
2.70 mm, ALL	HB	UL 94
3.00 mm, ALL	HB	UL 94
6.00 mm, ALL	HB	UL 94
0.750 mm, ALL	V-2	UL 94 IEC 60695-11-10, -20
1.50 到 2.60 mm, ALL	V-2	UL 94 IEC 60695-11-10, -20
3.00 mm, ALL	HB40	IEC 60695-11-10, -20
6.00 mm, ALL	HB40	IEC 60695-11-10, -20
2.70 mm, ALL	HB75	IEC 60695-11-10, -20
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746
1.50 到 2.60 mm	PLC 3	
2.70 mm	PLC 3	
3.00 mm	PLC 2	
6.00 mm	PLC 0	
高电弧燃烧指数(HAI)		UL 746
1.50 到 2.60 mm	PLC 0	
2.70 mm	PLC 0	
3.00 mm	PLC 0	
6.00 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 2	UL 746
介电强度	25 kV/mm	ASTM D149 IEC 60243-1
高电压电弧起痕速率 (HVTR)	PLC 0	UL 746
体积电阻率	1.0E+15 ohms·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
0.750 mm	125 °C	
1.50 到 2.60 mm	125 °C	
2.70 mm	125 °C	
3.00 mm	125 °C	
6.00 mm	125 °C	





热性能	值	测试方法
RTI Imp		UL 746
0.750 mm	115 °C	
1.50 到 2.60 mm	115 °C	
2.70 mm	115 °C	
3.00 mm	115 °C	
6.00 mm	115 °C	
RTI		UL 746
0.750 mm	125 °C	
1.50 到 2.60 mm	125 °C	
2.70 mm	125 °C	
3.00 mm	125 °C	
6.00 mm	125 °C	
物理性能	值	测试方法
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796
室外适用性	f1	UL 746C

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