



COVESTRO DEUTSCHLAND AG [PC RESINS]

Chempark  
Gebäude B207  
Leverkusen, 51368 Germany



Makrolon: LED2245 + (z)(f1), LED2245 + RE (f1), LED2247 + (z)(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.

可燃性	值	测试方法
UL 阻燃等级		
2.9 mm, CL	HB	UL 94
0.75 mm, CL	V-2	UL 94 IEC 60695-11-10, -20
1.5 到 2.8 mm, CL	V-2	UL 94 IEC 60695-11-10, -20
2.9 mm, CL	HB75	IEC 60695-11-10, -20
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746A
0.75 mm	PLC 4	
1.5 到 2.8 mm	PLC 3	
2.9 mm	PLC 2	
高电弧燃烧指数(HAI)		UL 746A
0.75 mm	PLC 0	
1.5 到 2.8 mm	PLC 0	
2.9 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 2	UL 746A
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
0.75 mm	125 °C	
1.5 到 2.8 mm	125 °C	
2.9 mm	125 °C	
RTI Imp		UL 746B
0.75 mm	115 °C	
1.5 到 2.8 mm	115 °C	
2.9 mm	115 °C	
RTI		UL 746B
0.75 mm	125 °C	
1.5 到 2.8 mm	125 °C	
2.9 mm	125 °C	
物理性能	值	测试方法
室外适用性	f1	UL 746C