



COVESTRO DEUTSCHLAND AG [PC RESINS]

Chempark
Gebäude B207
Leverkusen, 51368 Germany



Makrolon: RW2407 + (z) (f1), RW2407 + RE (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		
2.7 mm, WT	HB	UL 94
3.0 mm, WT	HB	UL 94
6.0 mm, WT	HB	UL 94
0.75 mm, WT	V-2	UL 94 IEC 60695-11-10, -20
1.5 mm, WT	V-2	UL 94 IEC 60695-11-10, -20
1.5 到 2.6 mm, WT	V-2	UL 94 IEC 60695-11-10, -20
3.0 mm, WT	HB40	IEC 60695-11-10, -20
6.0 mm, WT	HB40	IEC 60695-11-10, -20
2.7 mm, WT	HB75	IEC 60695-11-10, -20
灼热丝易燃指数		IEC 60695-2-12
0.75 mm	850 °C	
3.0 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
0.75 mm	900 °C	
1.5 mm	900 °C	
3.0 mm	930 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746A
0.75 mm	PLC 3	
1.5 mm	PLC 2	
1.5 到 2.6 mm	PLC 2	
2.7 mm	PLC 2	
3.0 mm	PLC 2	
6.0 mm	PLC 1	
高电弧燃烧指数(HAI)		UL 746A
0.75 mm	PLC 1	
1.5 mm	PLC 1	
1.5 到 2.6 mm	PLC 1	
2.7 mm	PLC 1	
3.0 mm	PLC 0	
6.0 mm	PLC 0	



电气性能	值	测试方法
相比耐漏电起痕指数(CTI)	PLC 2	UL 746A
热性能	值	测试方法
RTI Elec		UL 746B
0.75 mm	125 °C	
1.5 mm	125 °C	
1.5 到 2.6 mm	125 °C	
2.7 mm	125 °C	
3.0 mm	125 °C	
6.0 mm	125 °C	
RTI Imp		UL 746B
0.75 mm	115 °C	
1.5 mm	115 °C	
1.5 到 2.6 mm	115 °C	
2.7 mm	115 °C	
3.0 mm	115 °C	
6.0 mm	115 °C	
RTI		UL 746B
0.75 mm	125 °C	
1.5 mm	125 °C	
1.5 到 2.6 mm	125 °C	
2.7 mm	125 °C	
3.0 mm	125 °C	
6.0 mm	125 °C	
物理性能	值	测试方法
室外适用性	f1	UL 746C