



COVESTRO DEUTSCHLAND AG [PC RESINS]

Chempark
Gebäude B207
Leverkusen, 51368 Germany



Makrolon: XT5010 + (z)(d)

Polycarbonate (PC), pellets

- (d) - The grade complies with the V-2 criteria until 3.0mm maximum thickness
- (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		UL 94
0.75 mm, ALL	V-2	IEC 60695-11-10, -20
1.5 mm, ALL	V-2	
1.6 到 3.0 mm, ALL	V-2	
灼热丝易燃指数		IEC 60695-2-12
0.75 mm	960 °C	
1.5 mm	960 °C	
1.6 到 3.0 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
0.75 mm	800 °C	
1.5 mm	825 °C	
1.6 到 3.0 mm	850 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746A
0.75 mm	PLC 4	
1.5 mm	PLC 3	
1.6 到 3.0 mm	PLC 2	
高电弧燃烧指数(HAI)		UL 746A
0.75 mm	PLC 3	
1.5 mm	PLC 3	
1.6 到 3.0 mm	PLC 2	
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 2	UL 746A



热性能	值	测试方法
RTI Elec		UL 746B
0.75 mm	80.0 °C	
1.5 mm	80.0 °C	
1.6 到 3.0 mm	80.0 °C	
RTI Imp		UL 746B
0.75 mm	80.0 °C	
1.5 mm	80.0 °C	
1.6 到 3.0 mm	80.0 °C	
RTI		UL 746B
0.75 mm	80.0 °C	
1.5 mm	80.0 °C	
1.6 到 3.0 mm	80.0 °C	