



POLYPLASTICS CO LTD
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LAPEROS: E480i(+1)

Liquid Crystal Polymer (LCP), pellets

(+1) - Virgin and regrind up to 25% by weight incl. have the same basic material characteristics. In addition 26 to 50% have the same characteristics in NC and BK at a min 1.5mm except the RTI w. imp property is 180C.

可燃性	值	测试方法
UL 阻燃等级		UL 94
0.150 mm, BK	V-0	IEC 60695-11-10, -20
0.200 mm, NC, BK	V-0	
0.75 mm, NC, BK	V-0	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746A
0.200 mm	PLC 4	
0.75 mm	PLC 2	
1.5 mm	PLC 1	
3.0 mm	PLC 0	
高电弧燃烧指数(HAI)		UL 746A
0.200 mm	PLC 1	
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
相比耐漏电起痕指数(CTI)	PLC 3	UL 746A
介电强度	27 kV/mm	ASTM D149
高电压电弧起痕速率 (HVTR)	PLC 0	UL 746A
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 746B
0.150 mm	130 °C	
0.200 mm	130 °C	
0.75 mm	240 °C	
1.5 mm	240 °C	
3.0 mm	240 °C	
RTI Imp		UL 746B
0.150 mm	130 °C	
0.200 mm	130 °C	
0.75 mm	220 °C	
1.5 mm	220 °C	
3.0 mm	220 °C	

组件 - 塑料

UL 档案号: E106764



热性能	值	测试方法
RTI		UL 746B
0.150 mm	130 °C	
0.200 mm	130 °C	
0.75 mm	240 °C	
1.5 mm	240 °C	
3.0 mm	240 °C	
物理性能	值	测试方法
Dimensional Change	0.090 %	ASTM D1042 ISO 2796