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LAPEROS: A130(a)

Liquid Crystal Polymer (LCP), pellets, thermotropic aromatic polyester

(a) - Virgin and regrind up to 50% by weight incl. have the same basic material characteristics except RTI's are 180C @ a min thickness of 0.75mm for all properties from 26 to 50% incl. Grade has not been evaluated at 0.2 mm for regrind.

可燃性	值	测试方法
UL 阻燃等级		UL 94
0.200 mm, ALL	V-0	IEC 60695-11-10, -20
0.45 mm, ALL	V-0	
0.9 mm, ALL	V-0	
1.6 mm, NC	V-0, 5VA	
3.0 mm, ALL	V-0, 5VA	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746A
1.6 mm	PLC 2	
3.0 mm	PLC 1	
高电弧燃烧指数(HAI)		UL 746A
1.6 mm	PLC 4	
3.0 mm	PLC 4	
相比耐漏电起痕指数(CTI)	PLC 4	UL 746A
介电强度	35 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
0.200 mm	130 °C	
0.45 mm	130 °C	
0.9 mm	240 °C	
1.6 mm	240 °C	
3.0 mm	240 °C	
RTI Imp		UL 746B
0.200 mm	130 °C	
0.45 mm	130 °C	
0.9 mm	220 °C	
1.6 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
0.200 mm	130 °C	
0.45 mm	130 °C	
0.9 mm	220 °C	
1.6 mm	220 °C	
3.0 mm	220 °C	
物理性能	值	测试方法
Dimensional Change	0.0 %	ASTM D1042 ISO 2796