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LAPEROS: E130i(dd)(e)(f1)

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

- (dd) - Virgin and regrind up to 50% by weight incl., have the same basic material characteristics in NC and BK.
- (e) - Regrind from 26-50% by weight inclusive has an Impact RTI of 180C at thicknesses greater than 1.5mm.
- (f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

可燃性	值	测试方法
UL 阻燃等级		UL 94
0.200 mm, NC, BK	V-0	IEC 60695-11-10, -20
0.38 mm, NC, BK	V-0	
0.75 mm, NC, BK	V-0	
1.5 mm, NC, BK	V-0	
3.0 mm, NC, BK	V-0	
灼热丝易燃指数		IEC 60695-2-12
0.38 mm	960 °C	
0.75 mm	960 °C	
1.5 mm	960 °C	
3.0 mm	960 °C	
热灯丝点火温度		IEC 60695-2-13
0.38 mm	850 °C	
0.75 mm	850 °C	
1.5 mm	850 °C	
3.0 mm	900 °C	
电气性能	值	测试方法
热丝引燃 (HWI)		UL 746A
0.200 mm	PLC 4	
0.38 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 0	
0.38 mm	PLC 0	
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 4	UL 746A
介电强度	39 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+16 ohms-cm	ASTM D257 IEC 60093
耐电弧性	PLC 5	ASTM D495

组件 - 塑料

UL 档案号: E106764



热性能	值	测试方法
RTI Elec		UL 746B
0.200 mm	130 °C	
0.38 mm	130 °C	
0.75 mm	240 °C	
1.5 mm	240 °C	
3.0 mm	240 °C	
RTI Imp		UL 746B
0.200 mm	130 °C	
0.38 mm	130 °C	
0.75 mm	220 °C	
1.5 mm	220 °C	
3.0 mm	220 °C	
RTI		UL 746B
0.200 mm	130 °C	
0.38 mm	130 °C	
0.75 mm	240 °C	
1.5 mm	240 °C	
3.0 mm	240 °C	
Ball Pressure Test (260°C)	通过	IEC 60695-10-2
物理性能	值	测试方法
Dimensional Change	0.0 %	ASTM D1042 ISO 2796
室外适用性	f1	UL 746C