



Component - Plastics

File Number: E106764

POLYPLASTICS CO LTD

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MINATO-KU, Tokyo 108-8280 Japan



LAPEROS: S135(g)(f2)

Liquid Crystal Polymer (LCP), pellets

(f2) - Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL.

(g) - Virgin and regrind up to 25% by weight incl. have the same basic material characteristics. Also, virgin and regrind up to 50% by weight inclusive have the same characteristics for flammability, deflection under load, mechanical strength and impact properties but not have been evaluated for outdoor exposure and flammability below 0.28 mm.

Flammability	Value	Test Method
Flame Rating		UL 94
0.200 mm, NC, BK	V-0	
0.28 mm, NC, BK	V-0	
0.8 mm, NC, BK	V-0	
1.5 mm, NC, BK	V-0	
3.0 mm, NC, BK	V-0	
Flammability Classification		IEC 60695-11-10, -20
0.200 mm, NC, BK	V-0	
0.28 mm, NC, BK	V-0	
0.8 mm, NC, BK	V-0	
1.5 mm, NC, BK	V-0	
3.0 mm, NC, BK	V-0	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.28 mm	PLC 4	
0.8 mm	PLC 3	
1.5 mm	PLC 1	
3.0 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746A
0.28 mm	PLC 0	
0.8 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 4	UL 746A
Thermal	Value	Test Method
RTI Elec		UL 746B
0.200 mm	130 °C	
0.28 mm	130 °C	
0.8 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	

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Thermal	Value	Test Method
RTI Imp		UL 746B
0.200 mm	130 °C	
0.28 mm	130 °C	
0.8 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Str		UL 746B
0.200 mm	130 °C	
0.28 mm	130 °C	
0.8 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
Physical	Value	Test Method
Outdoor Suitability	f2	UL 746C

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