



# Component - Plastics

File Number: E106764

## POLYPLASTICS CO LTD

18-1 KONAN 2-CHOME  
MINATO-KU, Tokyo 108-8280 Japan



## LAPEROS: S140M

Liquid Crystal Polymer (LCP), pellets

Flammability	Value	Test Method
Flame Rating		UL 94
0.100 mm, NC, BK	V-0	
0.150 mm, NC, BK	V-0	
0.28 mm, NC, BK	V-0	
0.40 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	
Flammability Classification		IEC 60695-11-10, -20
0.100 mm, NC, BK	V-0	
0.150 mm, NC, BK	V-0	
0.28 mm, NC, BK	V-0	
0.40 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	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.28 mm	PLC 4	
0.40 mm	PLC 4	
0.75 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	
0.40 mm	PLC 0	
0.75 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
0.100 mm	130 °C	
0.150 mm	130 °C	
0.28 mm	130 °C	
0.40 mm	130 °C	
0.75 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
0.100 mm	130 °C	
0.150 mm	130 °C	
0.28 mm	130 °C	
0.40 mm	130 °C	
0.75 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Str		UL 746B
0.100 mm	130 °C	
0.150 mm	130 °C	
0.28 mm	130 °C	
0.40 mm	130 °C	
0.75 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	

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