



Component - Plastics

File Number: E115797

LOTTE CHEMICAL CORPORATION

56 Gosan-ro
Uiwang-si, Gyeonggi-do 16073 Republic of Korea



INFINO: SA-122(+)

Polycarbonate (PC), pellets

(+) - May be replaced by one, two, or three numbers and/or letter(s)

Flammability	Value	Test Method
Flame Rating		UL 94
0.75 mm, ALL	V-2	
1.5 mm, ALL	V-2	
2.5 mm, ALL	V-2	
3.0 mm, ALL	V-2	
Flammability Classification		IEC 60695-11-10, -20
0.75 mm, ALL	V-2	
1.5 mm, ALL	V-2	
2.5 mm, ALL	V-2	
3.0 mm, ALL	V-2	
Glow Wire Flammability Index		IEC 60695-2-12
1.5 mm	960 °C	
2.5 mm	960 °C	
3.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
1.5 mm	850 °C	
2.5 mm	850 °C	
3.0 mm	875 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 2	
2.5 mm	PLC 2	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 1	
2.5 mm	PLC 1	
3.0 mm	PLC 1	
Comparative Tracking Index (CTI)	PLC 3	UL 746A
Dielectric Strength	21 kV/mm	ASTM D149
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
0.75 mm	80.0 °C	
1.5 mm	80.0 °C	
2.5 mm	80.0 °C	
3.0 mm	80.0 °C	

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Thermal	Value	Test Method
RTI Imp		UL 746B
0.75 mm	80.0 °C	
1.5 mm	80.0 °C	
2.5 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI Str		UL 746B
0.75 mm	80.0 °C	
1.5 mm	80.0 °C	
2.5 mm	80.0 °C	
3.0 mm	80.0 °C	
Ball Pressure Test (125°C)	Pass	IEC 60695-10-2

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