UL Product iQ®

Model PA-765(+)

File Number: E56070

Yellow Card™

c UL us ALSO CERTIFIED TO IEC REQUIREMENTS

COMPANY

CHI MEI CORPORATION

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MODEL INFO

PA-765(+)
Acrylonitrile Butadiene Styrene (ABS) "POLYLAC", furnished as pellets
(+) – Indicate 0~0.5% acid scavengers.

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
1.0 mm, Color: ALL	V-1	
1.5 mm, Color: ALL	5VB V-0	
2.5 mm, Color: ALL	5VA V-0	
3.0 mm, Color: ALL	5VA V-0	

ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
1.0 mm, Color: ALL	V-1	
1.5 mm, Color: ALL	V-0	
2.5 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	V-0	
Flammability		IEC 60695-11-20
1.5 mm, Color: ALL	5VB	

2.5 mm, Color: ALL	5VA	
3.0 mm, Color: ALL	5VA	

ELECTRICAL PROPERTIES	VALUE	TEST METHOD
Hot-wire Ignition (HWI)		UL 746A
1.0 mm	PLC 4	
1.5 mm	PLC 2	
2.5 mm	PLC 2	
3.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746A
1.0 mm	PLC 0	
1.5 mm	PLC 0	
2.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 1	UL 746A
High Voltage Arc Tracking Rate (HVTR)	PLC 0	
Volume Resistivity	1.0E+15 ohms·cm	ASTM D257/IEC 60093
High Voltage, Low Current Arc Resistance	PLC 7	

THERMAL PROPERTIES	VALUE	TEST METHOD
Relative Thermal Index - Electrical Strength		UL 746B
1.0 mm	60 °C	
1.5 mm	80 °C	
2.5 mm	80 °C	
3.0 mm	80 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
1.0 mm	60 °C	
1.5 mm	80 °C	
2.5 mm	80 °C	
3.0 mm	80 °C	

Relative Thermal Index - Mechanical Strength		UL 746B
1.0 mm	60 °C	
1.5 mm	80 °C	
2.5 mm	80 °C	
3.0 mm	80 °C	

Report Date: 1983-06-23