



Model PA-765B
File Number: E56070



COMPANY

CHI MEI CORPORATION

No 398 Sec 1 Zhongzheng Rd
Rende District
Tainan City, 717010 Taiwan

MODEL INFO

PA-765B
Acrylonitrile Butadiene Styrene (ABS) "POLYLAC", furnished as pellets

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
1.5 mm, Color: ALL	V-2	
2.1 mm, Color: ALL	V-2	
2.5 mm, Color: ALL	5VB V-0	
3.0 mm, Color: ALL	5VA V-0	
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
1.5 mm, Color: ALL	V-2	
2.1 mm, Color: ALL	V-2	
2.5 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	V-0	
Flammability		IEC 60695-11-20
2.5 mm, Color: ALL	5VB	

3.0 mm, Color: ALL	5VA	
ELECTRICAL PROPERTIES	VALUE	TEST METHOD
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 4	
2.1 mm	PLC 2	
2.5 mm	PLC 2	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
2.1 mm	PLC 0	
2.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
High Voltage, Low Current Arc Resistance	PLC 7	
THERMAL PROPERTIES	VALUE	TEST METHOD
Relative Thermal Index - Electrical Strength		UL 746B
1.5 mm	80 °C	
2.1 mm	80 °C	
2.5 mm	80 °C	
3.0 mm	80 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
1.5 mm	65 °C	
2.1 mm	65 °C	
2.5 mm	65 °C	
3.0 mm	75 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
1.5 mm	80 °C	
2.1 mm	80 °C	
2.5 mm	80 °C	

3.0 mm	80 °C	
Heat Deflection (1.80 MPa) (4 mm)	69 °C	ISO 75-2/A
MECHANICAL PROPERTIES	VALUE	TEST METHOD
Tensile Strength	41.8 MPa	ISO 527-2
IMPACT PROPERTIES	VALUE	TEST METHOD
Charpy Impact	21 kJ/m²	ISO 179-1

Report Date: 1983-06-23

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