



Model PC-6715NF(a)

File Number: E56070



COMPANY

CHI MEI CORPORATION

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Rende District
Tainan City, 717010 Taiwan

MODEL INFO

PC-6715NF(a)
Polycarbonate (PC) "WONDERLITE", furnished as pellets
(a) – Ball pressure temperature is in accordance with IEC 60695-10-2 Method B.

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
1.5 mm, Color: NC, BK	V-0	
2.0 mm, Color: NC, BK	V-0	
3.0 mm, Color: NC, BK	V-0	
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
1.5 mm, Color: NC, BK	V-0	
2.0 mm, Color: NC, BK	V-0	
3.0 mm, Color: NC, BK	V-0	
Glow Wire Ignition Temperature (GWIT)		IEC 60695-2-13
1.5 mm	875 °C	
3.0 mm	875 °C	
Glow Wire Flammability Index (GWFI)		IEC 60695-2-12
1.5 mm	960 °C	

3.0 mm	960 °C	
ELECTRICAL PROPERTIES		VALUE
Hot-wire Ignition (HWI)		TEST METHOD
		UL 746A
1.5 mm	PLC 4	
2.0 mm	PLC 4	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 2	
2.0 mm	PLC 2	
3.0 mm	PLC 2	
Comparative Tracking Index (CTI)		PLC 4
		UL 746A
Dielectric Strength		24 kV/mm
		ASTM D149
High Voltage Arc Tracking Rate (HVTR)		PLC 3
Volume Resistivity		1.0E+16 ohms-cm
		ASTM D257/IEC 60093
High Voltage, Low Current Arc Resistance		PLC 6
THERMAL PROPERTIES		VALUE
Relative Thermal Index - Electrical Strength		TEST METHOD
		UL 746B
1.5 mm	80 °C	
2.0 mm	80 °C	
3.0 mm	80 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
1.5 mm	80 °C	
2.0 mm	80 °C	
3.0 mm	80 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
1.5 mm	80 °C	
2.0 mm	80 °C	
3.0 mm	80 °C	

Ball Pressure Temperature	135 °C	
PHYSICAL PROPERTIES	VALUE	TEST METHOD
Dimensional Change	0.0 %	ASTM D1042/ISO 2796

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