UL Product iQ®

Model PC-6700(a), TC-9300(a)

File Number: E56070

Yellow Card™

ALSO CERTIFIED
IEC REQUIREMEN

COMPANY

CHI MEI CORPORATION

No 398 Sec 1 Zhongzheng Rd
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Tainan City, 717010 Taiwan

MODEL INFO

PC-6700(a), TC-9300(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: ALL	V-2	
2.5 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	V-0	

ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
1.5 mm, Color: ALL	V-2	
2.5 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	V-0	
Glow Wire Ignition Temperature (GWIT)		IEC 60695-2-13
1.5 mm	825 °C	
3.0 mm	825 °C	
Glow Wire Flammability Index (GWFI)		IEC 60695-2-12
1.5 mm	960 °C	

3.0 mm	960 °C	

ELECTRICAL PROPERTIES	VALUE	TEST METHOD
Dielectric Strength	30 kV/mm	ASTM D149
Volume Resistivity	1.0E+14 ohms·cm	ASTM D257/IEC 60093

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

Report Date: 2010-09-