



Model PC-145K(Y)  
File Number: E56070



COMPANY

CHI MEI CORPORATION

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Rende District  
Tainan City, 717010 Taiwan

MODEL INFO

PC-145K(Y)  
Polycarbonate (PC) "WONDERLITE", furnished as pellets  
(Y) – Optional suffix; may be suffixed with one or two alphabet but except H, unconcerned with formula or constituent changed.

| FLAMMABILITY PROPERTIES         | VALUE | TEST METHOD     |
|---------------------------------|-------|-----------------|
| Flammability                    |       | ANSI/UL 94      |
| 0.5 mm, Color: ALL              | V-2   |                 |
| 3.0 mm, Color: ALL              | V-2   |                 |
| ISO/IEC FLAMMABILITY PROPERTIES | VALUE | TEST METHOD     |
| Flammability                    |       | IEC 60695-11-10 |
| 0.5 mm, Color: ALL              | V-2   |                 |
| 3.0 mm, Color: ALL              | V-2   |                 |
| ELECTRICAL PROPERTIES           | VALUE | TEST METHOD     |
| Hot-wire Ignition (HWI)         |       | UL 746A         |
| 0.5 mm                          | PLC 4 |                 |
| 3.0 mm                          | PLC 3 |                 |
| High Amp Arc Ignition (HAI)     |       | UL 746A         |
| 0.5 mm                          | PLC 2 |                 |
| 3.0 mm                          | PLC 2 |                 |

|                                              |              |                    |
|----------------------------------------------|--------------|--------------------|
| Comparative Tracking Index (CTI)             | PLC 3        | UL 746A            |
| High Voltage Arc Tracking Rate (HVTR)        | PLC 3        |                    |
| High Voltage, Low Current Arc Resistance     | PLC 5        |                    |
| <b>THERMAL PROPERTIES</b>                    | <b>VALUE</b> | <b>TEST METHOD</b> |
| Relative Thermal Index - Electrical Strength |              | UL 746B            |
| 0.5 mm                                       | 80 °C        |                    |
| 3.0 mm                                       | 80 °C        |                    |
| Relative Thermal Index - Mechanical Impact   |              | UL 746B            |
| 0.5 mm                                       | 80 °C        |                    |
| 3.0 mm                                       | 80 °C        |                    |
| Relative Thermal Index - Mechanical Strength |              | UL 746B            |
| 0.5 mm                                       | 80 °C        |                    |
| 3.0 mm                                       | 80 °C        |                    |

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