Component - Plastics

File Number: E56070

CHI MEI CORPORATION
59-1 SAN CHIA
JEN TE
TAINAN, 717 Taiwan

WONDERLOY: PC-345(+), PC-345K(+), PC-345KP(+), PC-345KZ(+)

Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS), pellets

(+) - Indicate 0~0.5% acid scavengers.

Flammability	Value	Test Method
Flame Rating		
1.5 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
3.0 mm, ALL	HB40	IEC 60695-11-10, -20
1.5 mm, ALL	HB75	IEC 60695-11-10, -20
Electrical	**Value**	**Test Method**
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 4	
3.0 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746A
Dielectric Strength	32 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746A
Volume Resistivity	1.0E+14 ohms·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 6	ASTM D495
Thermal	**Value**	**Test Method**
RTI Elec		UL 746B
1.5 mm	60.0 °C	
3.0 mm	60.0 °C	
RTI Imp		UL 746B
1.5 mm	60.0 °C	
3.0 mm	60.0 °C	
RTI Str		UL 746B
1.5 mm	60.0 °C	
3.0 mm	60.0 °C	
Physical	**Value**	**Test Method**
Dimensional Change	0.0 %	ASTM D1042 ISO 2796

Form Number: E56070-100239178

UL and the UL logo are trademarks of UL LLC Copyright © 2021 All Rights Reserved. | www.ul.com

Report Date: 1/12/2001
Last Revised: 8/6/2019 4:56:24 PM

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.