



# Component - Plastics

File Number: E162823

FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV

201 TUNG HWA N RD  
TAIPEI, 105 Taiwan



## TAIRILITE: AC914(x)

Polycarbonate (PC), pellets

(x) - Replace by one digital 0-9, unconcerned with formula or constituent changed

Flammability	Value	Test Method
Flame Rating		UL 94
2.0 mm, ALL	V-2	IEC 60695-11-10, -20
3.0 mm, ALL	V-2	
Glow Wire Flammability Index		IEC 60695-2-12
2.0 mm	900 °C	
3.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
2.0 mm	850 °C	
3.0 mm	850 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
2.0 mm	PLC 2	
3.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
2.0 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 3	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 3	UL 746
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
2.0 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI Imp		UL 746
2.0 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI Str		UL 746
2.0 mm	80.0 °C	
3.0 mm	80.0 °C	