



# Component - Plastics

File Number: E162823

FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV

201 TUNG HWA N RD  
TAIPEI, 105 Taiwan



## TAIRILITE: AC363(+)(f2)

Polycarbonate (PC), pellets

(+) - Replace by one digital 0-9 or one alphabet A-Z, unconcerned with formula or constituent changed

(f2) - Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL.

Flammability	Value	Test Method
Flame Rating		UL 94
0.8 mm, ALL	V-0	IEC 60695-11-10, -20
1.5 mm, ALL	V-0, 5VB	
3.0 mm, ALL	V-0, 5VB	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.8 mm	PLC 3	
1.5 mm	PLC 3	
3.0 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746
0.8 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746
Dielectric Strength	27 kV/mm	ASTM D149 IEC 60243-1
Volume Resistivity	1.0E+14 ohms-cm	ASTM D257 IEC 60093
Thermal	Value	Test Method
RTI Elec		UL 746
0.8 mm	80.0 °C	
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI Imp		UL 746
0.8 mm	80.0 °C	
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI Str		UL 746
0.8 mm	80.0 °C	
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
Physical	Value	Test Method
Outdoor Suitability	f2	UL 746C