



Component - Plastics

File Number: E162823

FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV

201 TUNG HWA N RD
TAIPEI, 105 Taiwan



TAIRILITE: AC983(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
0.75 mm, ALL	V-1	IEC 60695-11-10, -20
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0, 5VA	
Glow Wire Flammability Index		IEC 60695-2-12
1.5 mm	800 °C	
3.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
1.5 mm	825 °C	
3.0 mm	825 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.75 mm	PLC 3	
1.5 mm	PLC 3	
3.0 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746
0.75 mm	PLC 1	
1.5 mm	PLC 1	
3.0 mm	PLC 0	
Thermal	Value	Test Method
RTI Elec		UL 746
0.75 mm	80.0 °C	
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI Imp		UL 746
0.75 mm	80.0 °C	
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI Str		UL 746
0.75 mm	80.0 °C	
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
Ball Pressure Test (125°C, 3.00 mm)	Pass	IEC 60695-10-2