



Component - Plastics

File Number: E162823

FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV

201 TUNG HWA N RD

TAIPEI, 105 Taiwan



TAIRILAC: ANC100

Acrylonitrile Butadiene Styrene (ABS), pellets, reinforced

Flammability	Value	Test Method
Flame Rating		UL 94
1.5 mm, ALL	V-0	IEC 60695-11-10, -20
2.3 mm, ALL	V-0, 5VA	
3.0 mm, ALL	V-0	
2.5 mm, ALL	5VA	
Glow Wire Flammability Index		IEC 60695-2-12
1.5 mm	960 °C	
2.3 mm	960 °C	
2.5 mm	960 °C	
3.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
1.5 mm	700 °C	
2.3 mm	700 °C	
2.5 mm	700 °C	
3.0 mm	700 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.5 mm	PLC 4	
2.3 mm	PLC 2	
2.5 mm	PLC 2	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
1.5 mm	PLC 3	
2.3 mm	PLC 3	
2.5 mm	PLC 3	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.5 mm	60.0 °C	
2.3 mm	60.0 °C	
2.5 mm	60.0 °C	
3.0 mm	60.0 °C	
RTI Imp		UL 746
1.5 mm	60.0 °C	
2.3 mm	60.0 °C	
2.5 mm	60.0 °C	
3.0 mm	60.0 °C	



Thermal	Value	Test Method
RTI Str		UL 746
1.5 mm	60.0 °C	
2.3 mm	60.0 °C	
2.5 mm	60.0 °C	
3.0 mm	60.0 °C	