

FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV 201 TUNG HWA N RD TAIPEI, 105 Taiwan c AL us

TAIRILAC: ANC100

Acrylonitrile Butadiene Styrene (ABS), pellets, reinforced

Flammability	Value	Test Method
Flame Rating	- Value -	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	OVA	IEC 60695-2-12
1.5 mm	960 °C	120 00033-2-12
2.3 mm	960 °C	
2.5 mm	960 °C	
3.0 mm	960 °C	
Glow Wire Ignition Temperature	900 C	IEC 60695-2-13
	700 °C	IEC 00095-2-13
1.5 mm 2.3 mm	700 °C	
2.3 mm 2.5 mm	700 °C	
3.0 mm	700 °C	T 114 0 1
Electrical	Value	Test Method
Hot-wire Ignition (HWI)	DI 0.4	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	

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Form Number: E162823-224720

## Component - Plastics File Number: E162823



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	