



Component - Plastics

WG1800(f1)

Yellow Card™

FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV

380 Sec 6 Nanjing E Rd

Neihu District

TAIPEI, 114 Taiwan

File Number: E162823

TAIRILAC: WG1800(f1)

Acrylonitrile Styrene Acrylate (ASA), pellets

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.



Flammability	Value	Test Method
Flame Rating		
1.5 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
3.0 mm, ALL	HB40	IEC 60695-11-10, -20
1.5 mm, ALL	HB75	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 4	
3.0 mm	PLC 4	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746A
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	
RTI Imp		UL 746B
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	
RTI Str		UL 746B
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	
Physical	Value	Test Method
Outdoor Suitability	f1	UL 746C