



# Component - Plastics

File Number: E50263

TAITA CHEMICAL CO LTD (TTC)  
12TH FL, B AREA  
CHINA GENERAL PLASTICS BLDG  
NEI HU DISTRICT 39 JI HU RD  
TAIPEI, 114 Taiwan



## 5000(b)

Acrylonitrile Butadiene Styrene (ABS), pellets

(b) - May have optional suffix A-Z, except S and M, indicating different colors.

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) (1.5 mm)	PLC 3	UL 746
High Amp Arc Ignition (HAI) (1.5 mm)	PLC 0	UL 746
Comparative Tracking Index (CTI)	PLC 1	UL 746
Dielectric Strength	22 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Volume Resistivity	1.0E+22 ohms·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 6	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.5 mm	85.0 °C	
3.0 mm	85.0 °C	
RTI Imp		UL 746
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI Str		UL 746
1.5 mm	85.0 °C	
3.0 mm	85.0 °C	