



# Component - Plastics

File Number: E162447

STYRON EUROPE GMBH  
BACHTOBELSTRASSE 3, HORGEN 8810 CH



Acrylonitrile Butadiene Styrene (ABS), pellets

NOTE - All designations may be followed by numerical suffixes indicating color

Flammability	Value	Test Method
Flame Rating		UL 94
1.50 mm, ALL	HB	
3.00 mm, ALL	HB	
Flammability Classification		IEC 60695-11-10, -20
3.00 mm, ALL	HB40	
1.50 mm, ALL	HB75	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.810 mm	PLC 4	
1.50 mm	PLC 4	
3.00 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746
0.810 mm	PLC 2	
1.50 mm	PLC 1	
3.00 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 1	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Volume Resistivity	1.0E+13 ohm·cm	ASTM D257
Volume Resistivity	1.0E+13 ohm·cm	IEC 60093
Thermal	Value	Test Method
RTI Elec		UL 746
0.810 mm	60.0 °C	
1.50 mm	60.0 °C	
3.00 mm	60.0 °C	
RTI Imp		UL 746
0.810 mm	60.0 °C	
1.50 mm	60.0 °C	
3.00 mm	60.0 °C	
RTI Str		UL 746
0.810 mm	60.0 °C	
1.50 mm	60.0 °C	
3.00 mm	60.0 °C	



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