



Component - Plastics

File Number: E86615

A. Schulman GmbH
 HUETTENSTRASSE 130-138.
 KERPEN, 50170 Germany



SCHULABLEND (ABS/PA)/RONFALIN: M/MK 4401, N15

Acrylonitrile Butadiene Styrene (ABS)/Polyamide (PA), pellets

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

Flammability	Value	Test Method
Flame Rating		UL 94
0.031 in, ALL	HB	
0.06 in, ALL	HB	
0.08 in, ALL	HB	
0.12 in, ALL	HB	
Flammability Classification		IEC 60695-11-10, -20
0.12 in, ALL	HB40	
0.03 in, ALL	HB75	
0.06 in, ALL	HB75	
0.08 in, ALL	HB75	
Glow Wire Flammability Index (0.08 in)	1250 °F	IEC 60695-2-12
Glow Wire Ignition Temperature (0.08 in)	1290 °F	IEC 60695-2-13
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.03 in	PLC 4	
0.06 in	PLC 4	
0.08 in	PLC 4	
0.12 in	PLC 4	
High Amp Arc Ignition (HAI)		UL 746A
0.03 in	PLC 0	
0.06 in	PLC 0	
0.08 in	PLC 0	
0.12 in	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Dielectric Strength	430 V/mil	ASTM D149
Volume Resistivity	1.0E+11 ohms·cm	ASTM D257
Volume Resistivity	1.0E+11 ohms·cm	IEC 60093
Thermal	Value	Test Method
RTI Elec		UL 746B
0.031 in	140 °F	
0.06 in	140 °F	
0.08 in	140 °F	
0.12 in	140 °F	
RTI Imp		UL 746B
0.031 in	140 °F	
0.06 in	140 °F	
0.08 in	140 °F	
0.12 in	140 °F	



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Thermal	Value	Test Method
RTI Str		UL 746B
0.031 in	140 °F	
0.06 in	140 °F	
0.08 in	140 °F	
0.12 in	140 °F	
Ball Pressure Test (203°F)	Pass	IEC 60695-10-2

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