



# Component - Plastics

File Number: E344659

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## POLYMAN (ABS): LP 320

Acrylonitrile Butadiene Styrene (ABS), 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	
0.12 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	
Glow Wire Flammability Index		IEC 60695-2-12
0.031 in	1200 °F	
0.06 in	1200 °F	
0.12 in	1200 °F	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.031 in	1250 °F	
0.06 in	1250 °F	
0.12 in	1250 °F	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.03 in	PLC 3	
0.06 in	PLC 3	
0.12 in	PLC 3	
High Amp Arc Ignition (HAI)		UL 746A
0.03 in	PLC 1	
0.06 in	PLC 1	
0.12 in	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
High Voltage Arc Tracking Rate (HVTR)	PLC 1	UL 746A
Volume Resistivity	1.0E+16 ohms·cm	ASTM D257
Volume Resistivity	1.0E+16 ohms·cm	IEC 60093
Arc Resistance	PLC 1	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
0.031 in	194 °F	
0.06 in	194 °F	
0.12 in	194 °F	



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Thermal	Value	Test Method
RTI Imp		UL 746B
0.031 in	176 °F	
0.06 in	176 °F	
0.12 in	176 °F	
RTI Str		UL 746B
0.031 in	203 °F	
0.06 in	203 °F	
0.12 in	203 °F	

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