



Component - Plastics

File Number: E67171

LG CHEM LTD
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LM915, LM915H

Acrylonitrile Butadiene Styrene (ABS)/Acrylonitrile Styrene Acrylate (ASA), pellets

Flammability	Value	Test Method
Flame Rating		
1.5 to 3.0 mm, ALL	HB	UL 94
1.5 to 3.0 mm, ALL	HB75	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI) (1.5 to 3.0 mm)	PLC 4	UL 746
High Amp Arc Ignition (HAI) (1.5 to 3.0 mm)	PLC 0	UL 746
Comparative Tracking Index (CTI)	PLC 0	UL 746
Dielectric Strength	21 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746
Volume Resistivity	1.0E+14 ohms·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 6	ASTM D495
Thermal	Value	Test Method
RTI Elec (1.5 to 3.0 mm)	50.0 °C	UL 746
RTI Imp (1.5 to 3.0 mm)	50.0 °C	UL 746
RTI Str (1.5 to 3.0 mm)	50.0 °C	UL 746