



Component - Plastics

File Number: E67171

LG CHEM LTD
20 YOIDO-DONG
YONGDUNGPO-GU
SEOUL, 150-721 Republic of Korea



RS650(#), RS652, RS652W

Acrylonitrile Butadiene Styrene (ABS), pellets

(#) - May be followed by optional suffix letter from A-Z incl., except F, and except Grades HT700B, LI912A, AF303G, AF303S, XR404T, XR407D, XR407E, HF380X, XR404E, XR404-G, XR404-P and LUMILOY GN2108FI.

Flammability	Value	Test Method
Flame Rating		
1.5 mm, NC, WT, BK	HB	UL 94
3.0 mm, NC, WT, BK	HB	UL 94
3.0 mm, NC, WT, BK	HB40	IEC 60695-11-10, -20
1.5 mm, NC, WT, BK	HB75	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.5 mm	PLC 4	
3.0 mm	PLC 4	
High Amp Arc Ignition (HAI)		UL 746
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
Dielectric Strength	37 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 1	UL 746
Volume Resistivity	1.0E+16 ohms·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 6	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.5 mm	60.0 °C	
3.0 mm	60.0 °C	
RTI Imp		UL 746
1.5 mm	60.0 °C	
3.0 mm	60.0 °C	
RTI Str		UL 746
1.5 mm	60.0 °C	
3.0 mm	60.0 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796