



Component - Plastics

File Number: E48285

ASAHI KASEI CORP

KANDA-MITSUI BLDG, 1-105 KANDA JINBOCHO, CHIYODA-KU TOKYO 101-8101 JP



Leona: FR370(j)

Polyamide 66 (PA66), granular material

(j) - Virgin and regrind up to 50% by weight inclusive, have the same basic characteristics.

Flammability	Value	Test Method
Flame Rating		UL 94
0.38 mm, ALL	V-0	
0.75 mm, ALL	V-0	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Flammability Classification		IEC 60695-11-10, -20
0.38 mm, ALL	V-0	
0.75 mm, ALL	V-0	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.38 mm	PLC 5	
0.75 mm	PLC 4	
1.5 mm	PLC 3	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
0.38 mm	PLC 1	
0.75 mm	PLC 1	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
Dielectric Strength	31 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Inclined-Plane Tracking (1.5 kV)	67 min	ASTM D2303
Volume Resistivity	1.0E+15 ohms-cm	ASTM D257
Volume Resistivity	1.0E+15 ohms-cm	IEC 60093
Arc Resistance	PLC 5	ASTM D495
Electric Strength	31 kV/mm	IEC 60243-1
Thermal	Value	Test Method
RTI Elec		UL 746
0.38 mm	95.0 °C	
0.75 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746
0.75 mm	90.0 °C	
1.5 mm	105 °C	
3.0 mm	105 °C	

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Thermal	Value	Test Method
RTI Str		UL 746
0.38 mm	95.0 °C	
0.75 mm	105 °C	
1.5 mm	105 °C	
3.0 mm	105 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042
Dimensional Stability	0.0 %	ISO 2796

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