



# Component - Plastics

File Number: E48285

## ASAHI KASEI CORP

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



### Leona: FG173(j)

Polyamide 66 (PA66), pellets

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

Flammability	Value	Test Method
Flame Rating		UL 94
0.30 mm, ALL	V-0	
0.50 mm, ALL	V-0	
0.72 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
0.30 mm, ALL	V-0	
0.50 mm, ALL	V-0	
0.72 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
0.50 mm	PLC 0	
0.72 mm	PLC 0	
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
0.50 mm	PLC 0	
0.72 mm	PLC 0	
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 3	UL 746
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.75 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746
0.75 mm	110 °C	
1.5 mm	120 °C	
3.0 mm	120 °C	

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Thermal	Value	Test Method
RTI Str		UL 746
0.75 mm	110 °C	
1.5 mm	120 °C	
3.0 mm	120 °C	

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