



Component - Plastics

File Number: E48285

ASAHI KASEI CORP

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



Tenac-C: 3510, 3530

Acetal "Polyoxymethylene" (POM), pellets

Flammability	Value	Test Method
Flame Rating		UL 94
0.8 mm, ALL	HB	
1.5 mm, ALL	HB	
3.0 mm, ALL	HB	
Flammability Classification		IEC 60695-11-10, -20
3.0 mm, ALL	HB40	
0.8 mm, ALL	HB75	
1.5 mm, ALL	HB75	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.8 mm	PLC 4	
1.5 mm	PLC 3	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
0.8 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Arc Resistance	PLC 3	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.8 mm	115 °C	
1.5 mm	115 °C	
3.0 mm	115 °C	
RTI Imp		UL 746
0.8 mm	90.0 °C	
1.5 mm	90.0 °C	
3.0 mm	90.0 °C	
RTI Str		UL 746
0.8 mm	90.0 °C	
1.5 mm	90.0 °C	
3.0 mm	95.0 °C	

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