Component - Plastics

File Number: E48285

ASAHI KASEI CORP

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

Tenac: 2010

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	
6.0 mm, ALL	HB	
Flammability Classification		IEC 60695-11-10, -20
3.0 mm, ALL	HB40	
6.0 mm, ALL	HB40	
0.8 mm, ALL	HB75	
1.5 mm, ALL	HB75	
Electrical	**Value**	**Test Method**
Hot-wire Ignition (HWI)		UL 746
1.5 mm	PLC 4	
3.0 mm	PLC 4	
6.0 mm	PLC 4	
High Amp Arc Ignition (HAI)		UL 746
1.5 mm	PLC 0	
3.0 mm	PLC 0	
6.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
Dielectric Strength	26 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Volume Resistivity	1.0E+11 ohms·cm	ASTM D257
Volume Resistivity	1.0E+11 ohms·cm	IEC 60093
Arc Resistance	PLC 4	ASTM D495
Electric Strength	26 kV/mm	IEC 60243-1
Thermal	**Value**	**Test Method**
RTI Elec		UL 746
0.8 mm	105 °C	
1.5 mm	105 °C	
3.0 mm	105 °C	
6.0 mm	105 °C	
RTI Imp		UL 746
0.8 mm	85.0 °C	
1.5 mm	90.0 °C	
3.0 mm	90.0 °C	
6.0 mm	90.0 °C	

Form Number: E48285-240762

Report Date: 8/14/1975
Last Revised: 10/24/2003

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Thermal	Value	Test Method
RTI Str		UL 746
0.8 mm	85.0 °C	
1.5 mm	85.0 °C	
3.0 mm	85.0 °C	
6.0 mm	85.0 °C	
Physical	**Value**	**Test Method**
Dimensional Stability	0.0 %	ASTM D1042
Dimensional Stability	0.0 %	ISO 2796

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