

ASAHI KASEI CORP

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



Tenac: 4010

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Acetal "Polyoxymethylene" (POM), pellets

Flame Rating UL 94 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 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 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	Flammability	Value	Test Method
3.0 mm, ALL	Flame Rating		UL 94
6.0 mm, ALL HB Flammability Classification IEC 60695-11-10, -20 3.0 mm, ALL HB40 6.0 mm, ALL HB40 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 0 3.0 mm and PLC 0 3.0 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) 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	1.5 mm, ALL	НВ	
Flammability Classification IEC 60695-11-10, -20 3.0 mm, ALL HB40 6.0 mm, ALL HB40 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 UL 746 1.5 mm PLC 0 3.0 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	3.0 mm, ALL	НВ	
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Electric Strength 26 kV/mm IEC 60243-1	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		Value	Test Method
RTI Elec UL 746	RTI Elec		UL 746
1.5 mm 105 °C	1.5 mm	105 °C	
3.0 mm 105 °C	3.0 mm	105 °C	
6.0 mm 105 °C	6.0 mm	105 °C	
RTI Imp UL 746	RTI Imp		UL 746
1.5 mm 90.0 °C	1.5 mm	90.0 °C	
3.0 mm 90.0 °C	3.0 mm	90.0 °C	
6.0 mm 90.0 °C	6.0 mm	90.0 °C	
RTI Str UL 746	RTI Str		UL 746
1.5 mm 85.0 °C	1.5 mm	85.0 °C	
3.0 mm 85.0 °C	3.0 mm	85.0 °C	
6.0 mm 85.0 °C	6.0 mm	85.0 °C	
Physical Value Test Method	Physical	Value	Test Method
Dimensional Stability 0.0 % ASTM D1042		0.0 %	ASTM D1042
Dimensional Stability 0.0 % ISO 2796	Dimensional Stability	0.0%	ISO 2796

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Component - Plastics

File Number: E48285



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