



Component - Plastics

File Number: E120354

KOREA ENGINEERING PLASTICS CO LTD

450 KONGDUK-DONG, MAPO-KU, SEOUL KR



KEPITAL: F20-(xx)(+)

Acetal "Polyoxymethylene" (POM), pellets

(xx) - May be replaced by one or two digits.

+ - May be replaced by one, two, three, four, or five letters and/or one, two, or three digit numbers

Flammability	Value	Test Method
Flame Rating		
0.750 mm, ALL	HB	UL 94
1.50 mm, ALL	HB	UL 94
3.00 mm, ALL	HB	UL 94
6.00 mm, ALL	HB	UL 94
3.00 mm, ALL	HB40	IEC 60695-11-10, -20
6.00 mm, ALL	HB40	IEC 60695-11-10, -20
0.750 mm, ALL	HB75	IEC 60695-11-10, -20
1.50 mm, ALL	HB75	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.50 mm	PLC 4	
3.00 mm	PLC 3	
6.00 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746
1.50 mm	PLC 0	
3.00 mm	PLC 0	
6.00 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 1	UL 746
Dielectric Strength	27 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Volume Resistivity	1.0E+9 ohms-cm	ASTM D257 IEC 60093
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.750 mm	110 °C	
1.50 mm	110 °C	
3.00 mm	110 °C	
6.00 mm	110 °C	
RTI Imp		UL 746
0.750 mm	95.0 °C	
1.50 mm	95.0 °C	
3.00 mm	95.0 °C	
6.00 mm	95.0 °C	

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Thermal	Value	Test Method
RTI Str		UL 746
0.750 mm	100 °C	
1.50 mm	100 °C	
3.00 mm	100 °C	
6.00 mm	100 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796

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