



Component - Plastics

File Number: E82268

ASAHI KASEI CORPORATION

1-3-1 YAKO, KAWASAKI-KU, KAWASAKI-SHI KANAGAWA 210-0863 JP



640V

Modified Polyphenylene Ether Resin (m-PPE), pellets, Modified

Flammability	Value	Test Method
Flame Rating		UL 94
0.8 mm, ALL	V-1	
1.5 mm, ALL	V-1	
3.0 mm, ALL	V-1	
Flammability Classification		IEC 60695-11-10, -20
0.8 mm, ALL	V-1	
1.5 mm, ALL	V-1	
3.0 mm, ALL	V-1	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.8 mm	PLC 3	
1.5 mm	PLC 3	
3.0 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746
0.8 mm	PLC 2	
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 2	UL 746
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.8 mm	50.0 °C	
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	
RTI Imp		UL 746
0.8 mm	50.0 °C	
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	
RTI Str		UL 746
0.8 mm	50.0 °C	
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	

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