



Component - Plastics

File Number: E340159

MITSUBISHI ENGINEERING-PLASTICS CORP

ENVIRONMENT & QUALITY ASSURANCE DEPT, SHIODOME SUMITOMO-BLDG 25TH FL, 1-9-2 HIGASHI-SHINBASHI, MINATO-KU TOKYO 105-0021 JP



Xantar C: CF 107

Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS), pellets

Flammability	Value	Test Method
Flame Rating		UL 94
1.5 mm, ALL	V-0	IEC 60695-11-10, -20
2.0 mm, ALL	V-0, 5VB	
3.0 mm, ALL	V-0, 5VA	
Glow Wire Flammability Index		IEC 60695-2-12
1.5 mm	960 °C	
2.0 mm	960 °C	
3.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
1.5 mm	750 °C	
2.0 mm	750 °C	
3.0 mm	750 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.5 mm	PLC 2	
2.0 mm	PLC 2	
3.0 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746
1.5 mm	PLC 0	
2.0 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 1	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Arc Resistance	PLC 6	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.5 mm	95.0 °C	
2.0 mm	95.0 °C	
3.0 mm	95.0 °C	
RTI Imp		UL 746
1.5 mm	80.0 °C	
2.0 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI Str		UL 746
1.5 mm	80.0 °C	
2.0 mm	80.0 °C	
3.0 mm	80.0 °C	
Ball Pressure Test (90°C, 3.00 mm)	Pass	IEC 60695-10-2

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