



Component - Plastics

File Number: E41179

MITSUBISHI ENGINEERING-PLASTICS CORP

ENVIRONMENT & QUALITY ASSURANCE DEPT

SHIODOME SUMITOMO-BLDG 25TH FL

1-9-2 HIGASHI-SHINBASHI

MINATO-KU, TOKYO 105-0021 Japan



Reny: 1371(f1)

Polyamide (PA), pellets, type MXD6, glass fiber reinforced

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

Flammability	Value	Test Method
Flame Rating		UL 94
1.5 mm, ALL	HB	
2.0 mm, ALL	HB	
3.0 mm, ALL	HB	
Flammability Classification		IEC 60695-11-10, -20
3.0 mm, ALL	HB40	
1.5 mm, ALL	HB75	
2.0 mm, ALL	HB75	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
2.0 mm	PLC 0	
3.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
2.0 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Arc Resistance	PLC 6	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
1.5 mm	130 °C	
2.0 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746B
1.5 mm	105 °C	
2.0 mm	105 °C	
3.0 mm	105 °C	
RTI Str		UL 746B
1.5 mm	105 °C	
2.0 mm	105 °C	
3.0 mm	120 °C	
Physical	Value	Test Method
Outdoor Suitability	f1	UL 746C

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