



# 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: NXG5050NF(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	V-0	
3.0 mm, ALL	V-0	
Flammability Classification		IEC 60695-11-10, -20
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Electrical	Value	Test Method
Comparative Tracking Index (CTI)	PLC 2	UL 746A
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
1.5 mm	140 °C	
3.0 mm	140 °C	
RTI Imp		UL 746B
1.5 mm	115 °C	
3.0 mm	115 °C	
RTI Str		UL 746B
1.5 mm	130 °C	
3.0 mm	130 °C	
Physical	Value	Test Method
Outdoor Suitability	f1	UL 746C

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