



PA66-RG301

File Number: E171666

Yellow Card® 

COMPANY

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GUANGZHOU HI-TECH
INDUSTRIAL DEVELOPMENT ZONE
GUANGZHOU, GUANGDONG 510660 China

MODEL INFO

PA66-RG301
Polyamide 66 (PA66), furnished as pellets

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
0.75 mm, Color: ALL	V-0	
0.9 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	V-0	
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
0.75 mm, Color: ALL	V-0	
0.9 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	V-0	
ELECTRICAL PROPERTIES	VALUE	TEST METHOD
Hot-wire Ignition (HWI)		UL 746A
0.9 mm	PLC 1	
3.0 mm	PLC 0	

High Amp Arc Ignition (HAI)	UL 746A
0.9 mm	PLC 0
3.0 mm	PLC 0
High Voltage Arc Tracking Rate (HVTR)	PLC 3

THERMAL PROPERTIES	VALUE	TEST METHOD
Relative Thermal Index - Electrical Strength		UL 746B
0.75 mm	65 °C	
0.9 mm	65 °C	
3.0 mm	65 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
0.75 mm	65 °C	
0.9 mm	65 °C	
3.0 mm	65 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
0.75 mm	65 °C	
0.9 mm	65 °C	
3.0 mm	65 °C	

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