

PA66-R10G15 (##), PA66-RG151(fff)

File Number: E171666

Yellow Card®



COMPANY

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INDUSTRIAL DEVELOPMENT ZONE
GUANGZHOU, GUANGDONG 510660 China

MODEL INFO

PA66-R10G15 (##), PA66-RG151(fff)
Polyamide 66 (PA66), furnished as pellets
(fff) – Any combinations of any letters and/or any numerals for their special application must follow.
(##) – Replaced by ten digits maximum by a combination of letters and/or numbers as color code.

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
0.36 mm, Color: ALL	V-0	
0.75 mm, Color: ALL	5VB V-0	
1.5 mm, Color: ALL	5VA V-0	
3.0 mm, Color: ALL	5VA V-0	

ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
0.36 mm, Color: ALL	V-0	
0.75 mm, Color: ALL	V-0	
1.5 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	V-0	

Flammability		IEC 60695-11-20
0.75 mm, Color: ALL	5VB	
1.5 mm, Color: ALL	5VA	
3.0 mm, Color: ALL	5VA	
Glow Wire Ignition Temperature (GWIT)		IEC 60695-2-13
0.75 mm	800 °C	
3.0 mm	875 °C	
Glow Wire Flammability Index (GWFI)		IEC 60695-2-12
0.75 mm	960 °C	
3.0 mm	960 °C	
ELECTRICAL PROPERTIES		
VALUE		TEST METHOD
Hot-wire Ignition (HWI)		UL 746A
0.36 mm	PLC 4	
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746A
0.36 mm	PLC 0	
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746A
Dielectric Strength	25 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 1	
High Voltage, Low Current Arc Resistance	PLC 6	
THERMAL PROPERTIES		
VALUE		TEST METHOD
Relative Thermal Index - Electrical Strength		UL 746B
0.36 mm	65 °C	
0.75 mm	65 °C	

1.5 mm	65 °C	
3.0 mm	65 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
0.36 mm	65 °C	
0.75 mm	65 °C	
1.5 mm	65 °C	
3.0 mm	65 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
0.36 mm	65 °C	
0.75 mm	65 °C	
1.5 mm	65 °C	
3.0 mm	65 °C	

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