

Model PA66-R10G25 (##)(r1), PA66-RG251(fff)(r1)
File Number: E171666



COMPANY

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MODEL INFO

PA66-R10G25 (##)(r1), PA66-RG251(fff)(r1)

Polyamide 66 (PA66), furnished as pellets
(r1) – Virgin and regrind material up to 50% by weight have the same V-0 flammability characteristics in the 0.3mm to 3.0mm thickness. No other properties for regrind have been evaluated.
(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	额定值	测试方法
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	额定值	测试方法
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	额定值	测试方法
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	
Volume Resistivity	1.0E+10 ohms-cm	ASTM D257/IEC 60093
High Voltage, Low Current Arc Resistance	PLC 6	
THERMAL PROPERTIES	额定值	测试方法

Relative Thermal Index - Electrical Strength		UL 746B
0.75 mm	125 °C	
1.5 mm	125 °C	
3.0 mm	125 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
0.75 mm	115 °C	
1.5 mm	115 °C	
3.0 mm	120 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
0.75 mm	125 °C	
1.5 mm	125 °C	
3.0 mm	130 °C	

Report Date: 2012-02-10
Revision Date: 2022-10-25

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