

Model M33(c)AG6BA, M33AG6A(e)

File Number: E163907



**COMPANY**

Hyosung Chemical Corp  
235, Banpo-daero, Seocho-gu  
Seoul, Seoul 06578 Republic of Korea

**MODEL INFO**

M33(c)AG6BA, M33AG6A(e)  
Polyketone (PK), furnished as pellets  
(e) – May be replaced by 1-2 letter(s) and 1-3 digit number(s).(coloring code)  
(c) – Represents 1 digit numeric 0-9 which varies based on colors.

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
0.8 mm, Color: ALL	HB	
1.6 mm, Color: ALL	HB	
3.2 mm, Color: ALL	HB	
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
0.8 mm, Color: ALL	HB75	
1.6 mm, Color: ALL	HB75	
3.2 mm, Color: ALL	HB40	
ELECTRICAL PROPERTIES	VALUE	TEST METHOD
Hot-wire Ignition (HWI)		UL 746A
0.8 mm	PLC 4	
1.6 mm	PLC 2	
3.2 mm	PLC 0	

High Amp Arc Ignition (HAI)		UL 746A
0.8 mm	PLC 0	
1.6 mm	PLC 0	
3.2 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
High Voltage Arc Tracking Rate (HVTR)	PLC 1	
THERMAL PROPERTIES		
VALUE		TEST METHOD
Relative Thermal Index - Electrical Strength		UL 746B
0.8 mm	105 °C	
1.6 mm	105 °C	
3.2 mm	105 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
0.8 mm	100 °C	
1.6 mm	100 °C	
3.2 mm	115 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
0.8 mm	120 °C	
1.6 mm	120 °C	
3.2 mm	130 °C	

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