



## Hyosung Chemical Corp

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

File Number: E163907

## M330F

Polyketone (PK), pellets



Flammability	Value	Test Method
Flame Rating		
0.8 mm, ALL	HB	UL 94
1.5 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
3.0 mm, ALL	HB40	IEC 60695-11-10, -20
0.8 mm, ALL	HB75	IEC 60695-11-10, -20
1.5 mm, ALL	HB75	IEC 60695-11-10, -20
Glow Wire Flammability Index		IEC 60695-2-12
0.8 mm	700 °C	
1.5 mm	700 °C	
3.0 mm	700 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.8 mm	725 °C	
1.5 mm	725 °C	
3.0 mm	725 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.8 mm	PLC 4	
1.5 mm	PLC 3	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
0.8 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Dielectric Strength	23 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746A
Volume Resistivity	1.0E+12 ohms·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 4	ASTM D495

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Thermal	Value	Test Method
RTI Elec		UL 746B
0.8 mm	50.0 °C	
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	
RTI Imp		UL 746B
0.8 mm	50.0 °C	
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	
RTI Str		UL 746B
0.8 mm	50.0 °C	
1.5 mm	50.0 °C	
3.0 mm	50.0 °C	