

**CELANESE INTERNATIONAL CORP**8040 DIXIE HWY
FLORENCE, KY 41042-2904 United States

File Number: E41938

Zytel: FR7026V0F(f2)

Polyamide 66 (PA66), pellets

(f2) - Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL.

NOTE - (1) Material designations that are color pigmented may be followed by suffix letters and numbers. (2) Material designations may be prefixed by "ZYT" for Zytel or "MIN" for Minlon or "DEL" for Delrin or "CRA" for Crastin or "RYN" for Rynite or "ETPV" for ETPV or "SOR" for Sorona grades.



Flammability	Value	Test Method
Flame Rating		UL 94 IEC 60695-11-10, -20
0.40 mm, BK	V-0	
0.8 mm, BK	V-0	
1.5 mm, BK	V-0	
3.0 mm, BK	V-0	
Glow Wire Flammability Index		IEC 60695-2-12
0.40 mm	960 °C	
0.8 mm	960 °C	
1.5 mm	960 °C	
3.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.40 mm	960 °C	
0.8 mm	960 °C	
1.5 mm	960 °C	
3.0 mm	960 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
0.40 mm	PLC 3	
0.8 mm	PLC 3	
1.5 mm	PLC 3	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
0.40 mm	PLC 0	
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	18 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

Component - Plastics

FR7026V0F(f2)



Thermal	Value	Test Method
RTI Elec		UL 746B
0.8 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746B
0.8 mm	95.0 °C	
1.5 mm	95.0 °C	
3.0 mm	95.0 °C	
RTI Str		UL 746B
0.8 mm	110 °C	
1.5 mm	110 °C	
3.0 mm	110 °C	
Physical	Value	Test Method
Dimensional Change	0.0 %	ASTM D1042 ISO 2796
Outdoor Suitability	f2	UL 746C