

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

File Number: E41938

Zytel: 70G30HSL(f1), 70G30HSLR(f1)

Polyamide 66 (PA66), glass reinforced, pellets

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

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		
1.5 mm, BK	HB	UL 94
3.0 mm, BK	HB	UL 94
3.0 mm, BK	HB40	IEC 60695-11-10, -20
1.5 mm, BK	HB75	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 4	
3.0 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 1	UL 746A
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746A
Arc Resistance	PLC 6	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
1.5 mm	140 °C	
3.0 mm	140 °C	
RTI Imp		UL 746B
1.5 mm	125 °C	
3.0 mm	125 °C	
RTI Str		UL 746B
1.5 mm	140 °C	
3.0 mm	140 °C	
Physical	Value	Test Method
Dimensional Change	0.10 %	ASTM D1042 ISO 2796
Outdoor Suitability	f1	UL 746C