



Model G3300 HSL
File Number: E148796



COMPANY

RADICI PLASTICS USA INC
960 SEVILLE RD
WADSWORTH, OH 44282-0179 United States

MODEL INFO

G3300 HSL
Polyamide 66 (PA66) "TORZEN", heat stabilized, furnished as pellets

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
0.71 mm, Color: ALL	HB	
1.5 mm, Color: ALL	HB	
3.0 mm, Color: ALL	HB	
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
0.71 mm, Color: ALL	HB75	
1.5 mm, Color: ALL	HB75	
3.0 mm, Color: ALL	HB40	
Glow Wire Ignition Temperature (GWIT)		IEC 60695-2-13
0.71 mm	675 °C	
1.5 mm	675 °C	
3.0 mm	725 °C	
Glow Wire Flammability Index (GWFI)		IEC 60695-2-12
0.71 mm	650 °C	



1.5 mm	650 °C	
3.0 mm	960 °C	
ELECTRICAL PROPERTIES		VALUE
Hot-wire Ignition (HWI)		TEST METHOD
		UL 746A
0.71 mm	PLC 4	
1.5 mm	PLC 4	
3.0 mm	PLC 4	
High Amp Arc Ignition (HAI)		UL 746A
0.71 mm	PLC 2	
1.5 mm	PLC 1	
3.0 mm	PLC 1	
Comparative Tracking Index (CTI)		PLC 1
		UL 746A
High Voltage Arc Tracking Rate (HVTR)		PLC 3
Volume Resistivity		1.0E+6 ohms-cm
		ASTM D257/IEC 60093
High Voltage, Low Current Arc Resistance		PLC 7
Comparative Tracking Index (CTI) (Material Group: II)		CTI400 V
		IEC 60112
THERMAL PROPERTIES		VALUE
Relative Thermal Index - Electrical Strength		TEST METHOD
		UL 746B
0.4 mm	140 °C	
0.71 mm	140 °C	
1.5 mm	150 °C	
3.0 mm	150 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
0.4 mm	95 °C	
0.71 mm	125 °C	
1.5 mm	125 °C	
3.0 mm	125 °C	
Relative Thermal Index - Mechanical Strength		UL 746B



0.4 mm	110 °C
0.71 mm	140 °C
1.5 mm	140 °C
3.0 mm	140 °C
Ball Pressure Temperature	75 °C

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