



YELLOW CARD Rev 1.0

Yellow Card Sheet: CX16 ABS FLAME RETARDANT 3D PRINTING FILAMENT

Flammability	Value	Test Method
Flame Rating		
1.0 mm, ALL	HB	UL 94
1.5 mm, ALL	V-0	UL 94 IEC 60695-11-10, -20
1.8 mm, ALL	V-0	UL 94 IEC 60695-11-10, -20
2.0 mm, ALL	V-0, 5VA	UL 94 IEC 60695-11-10, -20
2.5 mm, ALL	V-0, 5VA	UL 94 IEC 60695-11-10, -20
3.0 mm, ALL	V-0, 5VA	UL 94 IEC 60695-11-10, -20
1.0 mm, ALL	HB75	IEC 60695-11-10, -20

Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 3	
1.8 mm	PLC 3	
2.0 mm	PLC 2	
2.5 mm	PLC 2	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
1.8 mm	PLC 0	
2.0 mm	PLC 0	
2.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746A
High Voltage Arc Tracking Rate (HVTR)	PLC 3	UL 746A
Arc Resistance	PLC 6	ASTM D495

Thermal	Value	Test Method
RTI Elec		UL 746B
1.0 mm	60.0 °C	
1.5 mm	60.0 °C	
1.8 mm	85.0 °C	
2.0 mm	85.0 °C	
2.5 mm	85.0 °C	
3.0 mm	85.0 °C	
RTI Imp		UL 746B
1.0 mm	60.0 °C	
1.5 mm	60.0 °C	
1.8 mm	85.0 °C	
2.0 mm	85.0 °C	
2.5 mm	85.0 °C	
3.0 mm	85.0 °C	
RTI Str		UL 746B
1.0 mm	60.0 °C	
1.5 mm	60.0 °C	
1.8 mm	80.0 °C	
2.0 mm	80.0 °C	
2.5 mm	80.0 °C	
3.0 mm	80.0 °C	

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