



YELLOW CARD Rev 1.0

Yellow Card Sheet: CX09 ABS PRIME 3D PRINTING FILAMENT

Flammability	Value	Test Method
Flame Rating		
1.5 mm, ALL	HB	UL 94
3.0 mm, ALL	HB	UL 94
3.0 mm, ALL	HB40	IEC 60695-11-10, -20
1.5 mm, ALL	HB75	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 3	
3.0 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 1	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Dielectric Strength	27 kV/mm	UL 746A
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746A
Volume Resistivity	1.0E+15 ohm-cm	ASTM D257 IEC60093
Arc Resistance	PLC 6	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
1.5 mm	95.0 °C	
3.0 mm	100.0 °C	
RTI Imp		UL 746B
1.5 mm	95.0 °C	
3.0 mm	100.0 °C	
RTI Str		UL 746B
1.5 mm	95.0 °C	
3.0 mm	100.0 °C	
Dimensional Change	0.0 %	ASTM D1042 ISO 2796

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