

**Elix Polymers SLU**

Poligono Industrial
Ctra. De Vila-Seca La Pineda s/n
La Canonja, 43110 Spain

File Number: E350602

ELIX ABS: P3H-AT, P3H-CC, E-LOOP P3H-AT CR

Acrylonitrile Butadiene Styrene (ABS), pellets



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 4	
3.0 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Dielectric Strength	22 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 1	UL 746A
Volume Resistivity	1.0E+16 ohms·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746B
1.0 mm	85.0 °C	
1.5 mm	85.0 °C	
3.0 mm	85.0 °C	
RTI Imp		UL 746B
1.5 mm	80.0 °C	
3.0 mm	80.0 °C	
RTI Str		UL 746B
1.5 mm	85.0 °C	
3.0 mm	85.0 °C	
Physical	Value	Test Method
Dimensional Change	0.0 %	ASTM D1042 ISO 2796