

SABIC INNOVATIVE PLASTICS US L L C
 AMERICAS - RESIN
 1 PLASTICS AVE
 PITTSFIELD MA 01201-3662

C2950HF

Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS) "Cycloy", furnished as pellets
 NOTE: Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or numeric/alpha combination.

Flammability	Value	Test Method
Flame Rating		
0.75 mm	V-2 (ALL)	IEC 60695-11-10, IEC 60695-11-20
1.5 mm	V-0 (ALL)	IEC 60695-11-10, IEC 60695-11-20
2.5 mm	V-0, 5VB (ALL)	IEC 60695-11-10, IEC 60695-11-20
3.0 mm	V-0, 5VB (ALL)	IEC 60695-11-10, IEC 60695-11-20
3.4 mm	V-0, 5VA (ALL)	IEC 60695-11-10, IEC 60695-11-20
Electrical	Value	Test Method
High Amp Arc Ignition (HAI)		
1.5 mm	PLC 0	UL 746A
2.5 mm	PLC 0	UL 746A
3.0 mm	PLC 0	UL 746A
Hot-wire Ignition (HWI)		
1.5 mm	PLC 2	UL 746A
2.5 mm	PLC 2	UL 746A
3.0 mm	PLC 2	UL 746A
Dielectric Strength	39 kV/mm	ASTM D149
Volume Resistivity	10E+16 ohms·cm	ASTM D257, IEC 60093
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 Imp		
0.75 mm	60 °C	UL 746B
1.5 mm	75 °C	UL 746B
2.5 mm	75 °C	UL 746B
3.0 mm	85 °C	UL 746B
3.4 mm	85 °C	UL 746B
RTI Str		
0.75 mm	60 °C	UL 746B
1.5 mm	85 °C	UL 746B
2.5 mm	85 °C	UL 746B
3.0 mm	85 °C	UL 746B
3.4 mm	85 °C	UL 746B
RTI Elec		
0.75 mm	60 °C	UL 746B
1.5 mm	85 °C	UL 746B
2.5 mm	85 °C	UL 746B
3.0 mm	85 °C	UL 746B
3.4 mm	85 °C	UL 746B



Go To UL iQ Link (<https://iq.ul.com/ul/cert.aspx?ULID=221035>)

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