

SABIC INNOVATIVE PLASTICS B V  
EUROPE - RESIN  
PLASTICSLAAN 1  
BERGEN OP ZOOM 4612 PX NL

**C2950**

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 a numeric/alpha combination.

Flammability	Value	Test Method
Flame Rating		
1.5 mm	V-0 (ALL)	IEC 60695-11-10, IEC 60695-11-20
2.0 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
Glow-Wire Flammability (GWFI)		
1.0 mm	960 °C	IEC 60695-2-12
1.5 mm	960 °C	IEC 60695-2-12
2.0 mm	960 °C	IEC 60695-2-12
2.5 mm	960 °C	IEC 60695-2-12
3.0 mm	960 °C	IEC 60695-2-12
Glow-Wire Ignition (GWIT)		
1.0 mm	825 °C	IEC 60695-2-13
1.5 mm	800 °C	IEC 60695-2-13
2.0 mm	800 °C	IEC 60695-2-13
2.5 mm	800 °C	IEC 60695-2-13
3.0 mm	800 °C	IEC 60695-2-13
Electrical	Value	Test Method
High Amp Arc Ignition (HAI)		
1.5 mm	PLC 0	UL 746A
2.0 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 3	UL 746A
2.0 mm	PLC 3	UL 746A
2.5 mm	PLC 2	UL 746A
3.0 mm	PLC 1	UL 746A
Dielectric Strength	30 kV/mm	ASTM D149
Volume Resistivity	10E+16 ohms·cm	ASTM D257, IEC 60093
Comparative Tracking Index (CTI)	PLC 0	UL 746A
High-Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746A
Arc Resistance	PLC 6	ASTM D495



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Report Date: 1989-07-17  
Last Revised: 2013-07-26

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Thermal	Value	Test Method
RTI Imp		
1.0 mm	60 °C	UL 746B
1.5 mm	75 °C	UL 746B
2.0 mm	75 °C	UL 746B
2.5 mm	75 °C	UL 746B
3.0 mm	85 °C	UL 746B
RTI Str		
1.0 mm	60 °C	UL 746B
1.5 mm	85 °C	UL 746B
2.0 mm	85 °C	UL 746B
2.5 mm	85 °C	UL 746B
3.0 mm	85 °C	UL 746B
RTI Elec		
1.0 mm	60 °C	UL 746B
1.5 mm	85 °C	UL 746B
2.0 mm	85 °C	UL 746B
2.5 mm	85 °C	UL 746B
3.0 mm	85 °C	UL 746B
IEC Ball Pressure	75 °C	IEC 60695-10-2



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