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[additional material information including performance and processing data](#)

Component - Plastics

E121562

Guide Information

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

<u>Color</u>	<u>Min. Thk</u> <u>(mm)</u>	<u>Flame</u> <u>Class</u>	<u>HWI</u>	<u>HAI</u>	<u>RTI</u> <u>Elec</u>	<u>RTI</u> <u>Imp</u>	<u>RTI</u> <u>Str</u>
ALL	0.75	V-2	-	-	60	60	60
	1.5	V-0	2	0	85	75	85
	2.5	V-0, 5VB	2	0	85	75	85
	3.0	V-0, 5VB	2	0	85	85	85
	3.4	V-0, 5VA	-	-	85	85	85

Comparative Tracking Index (CTI): 2

Dielectric Strength (kV/mm): 39

High-Voltage Arc Tracking Rate (HVTR): 3

Inclined Plane Tracking (IPT) kV: -

Volume Resistivity (10^x ohm-cm): 16

High Volt, Low Current Arc Resis
(D495): 6

Dimensional Stability (%): 0

NOTE - Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or numeric/alpha combination.

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

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IEC and ISO Test Methods

Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	0.75	V-2 (ALL)
			1.5	V-0 (ALL)
			2.5	V-0, 5VB (ALL)
			3.0	V-0, 5VB (ALL)
			3.4	V-0, 5VA (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	-	-
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	°C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	°C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-

ISO Tensile Impact	ISO 8256	kJ/m^2	-	-
ISO Izod Impact	ISO 180	kJ/m^2	-	-
ISO Charpy Impact	ISO 179-2	kJ/m^2	-	-