

SABIC INNOVATIVE PLASTICS US L L C

AMERICAS - RESIN, 1 PLASTICS AVE, PITTSFIELD MA 01201-3662

MC1300

Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS), unfilled "Cycoloy", furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
NC	1.2	HB	-	-	60	60	60
	3.0	HB	-	-	60	60	60
	3.5	HB	-	-	60	60	60
Comparative Tracking Index (CTI): -			Inclined Plane Tracking (IPT) kV: -				
Dielectric Strength (kV/mm): -			Volume Resistivity (10 ^x ohm-cm): -				
High-Voltage Arc Tracking Rate (HVTR): -			High Volt, Low Current Arc Resis (D495): -				
Dimensional Stability (%): -							

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.

Report Date: 2025-01-05

Last 2025-01-10

Revised:

IEC and ISO Test Methods				
Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	1.2	HB75 (NC)
			3.0	HB40 (NC)
			3.5	HB40 (NC)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	3.5	725
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	3.5	725
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	-	-