

Component - Plastics

E45329

SABIC INNOVATIVE PLASTICS B V

EUROPE - RESIN, PLASTICSLAAN 1, BERGEN OP ZOOM 4612 PX NL

CY6414 (GG)**Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS), "Cycoloy", furnished as pellets**

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
BK	0.75	-	3	1	105	95	100
	1.0	V-2	3	1	105	95	100
	1.1-1.2	V-1	-	-	105	95	100
ALL	1.2	V-0	-	-	105	95	100
	2.0	V-0	2	1	105	95	100
	2.5	V-0,5VB	-	-	105	95	100
	3.0	V-0,5VB	2	1	105	100	105

Comparative Tracking Index (CTI): **3**

Dimensional Stability (%): -

High-Voltage Arc Tracking Rate
(HVTR): -

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

Dielectric Strength (kV/mm): **25**Volume Resistivity (10^x ohm-cm) : **15****(GG) - Denotes a global grade formulation previously in File E161759.****NOTE - Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or a 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	Thickness	
			Tested (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	1.0	V-2 (BK)
			1.1-1.2	V-1 (BK)
			1.2	V-0 (ALL)
			2.0	V-0 (ALL)
			2.5	V-0,5VB (ALL)
			3.0	V-0,5VB (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	0.75	960
			1.0	960
			2.0	960
			3.0	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	0.75	930
			1.0	900
			2.0	850
			3.0	800
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	3.0	125
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/m²

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