Component - Plastics **E45329**

SABIC INNOVATIVE PLASTICS B V

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

VW300(GG)(f2)

Acrylonitrile Butadiene Styrene (ABS), "Cycolac", furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	1.0	-	-	-	60	60	60
	1.5	V-0	3	1	60	60	60
	2.0	V-0, 5VA	2	-	60	60	60
	2.2	V-0, 5VA	0	-	60	60	60
	3.0	V-0, 5VA	0	0	60	60	60

Comparative Tracking Index (CTI): **1**

Inclined Plane Tracking (IPT): **-**

Dielectric Strength (kV/mm): **30**

Volume Resistivity (10^x ohm-cm) : **15**

High-Voltage Arc Tracking Rate (HVTR): **3**

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

Dimensional Stability (%): 0

(GG) - Denotes a global grade formulation previously in File E161759.

(f2) - Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL.

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.

Report Date:1983-06-16

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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)	1.5	V-0 (ALL)
			2.0	V-0, 5VA (ALL)
			2.2	V-0, 5VA (ALL)
			3.0	V-0, 5VA (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	1.0	960
			1.5	960
			2.0	960
			2.2	960
			3.0	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	1.0	700
			1.5	700
			2.0	700
			2.2	700
			3.0	700
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	-	-