

CHEIL INDUSTRIES INC CHEMICALS DIV

R & D CENTER, 332-2 GOCHUN-DONG, EUIWANG-SHI KYONGGI-DO 437-010 KR

VH-0810(+)

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

Color	Min Thk (mm)	Flame Class	RTI		RTI Elec	RTI Imp	RTI Str
			HWI	HAI			
BK	1.5	V-2	4	0	60	60	60
ALL	2.0	V-1	4	0	60	60	60
	2.5	V-0	4	0	60	60	60
	3.0	V-0	2	0	60	60	60
	6.0	V-0	0	0	60	60	60

Comparative Tracking Index (CTI): 1

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): 13

Volume Resistivity (10^4 ohm-cm): 15

High-Voltage Arc Tracking Rate (HVTR): 3

High Volt, Low Current Arc Resis (D495): 7

Dimensional Stability (%): 0.13

(+)- May be replaced by one, two, or three numbers and/or letter(s).

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: 1995-08-04

Last Revised: 2010-08-16

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IEC and ISO Test Methods

Test Name	Test Method	Units	Thickness	
			Tested (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	1.5	V-2 (BK)
			2.0	V-1 (ALL)
			2.5	V-0 (ALL)
			3.0	V-0 (ALL)
			6.0	V-0 (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	-	-

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