

Component - Plastics

E54700

CHEVRON PHILLIPS CHEMICAL CO L P

10001 SIX PINES DR, THE WOODLANDS TX 77380

KR03, KR03NW, KR05, KR05NW, KR10

Styrene Butadiene (SB), "K-Resin", furnished as pellets

	Min Thk	Flame			RTI	RTI	RTI
Color	(mm)	Class	HWI	HAI	Elec	Imp	Str
NC	1.5	HB	4	0	50	50	50
	3.0	HB	3	0	50	50	50
	6.0	HB	2	0	50	50	50

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

Dimensional Stability (%): **0**

High-Voltage Arc Tracking Rate (HVTR): **2**

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

Dielectric Strength (kV/mm): **50**

Volume Resistivity (10^x ohm-cm) : **14**

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	Class (color)	1.5	HB75 (NC)
			3.0	HB40 (NC)
			6.0	HB40 (NC)
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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