

Component - Plastics

E115239

GE PLASTICS KOREA LTD

231-8 NONHYUN-DONG, KANGNAM KU, SEOUL KR

503(f1), 503R(f1)**Polycarbonate (PC), glass reinforced, flame retardant, "Lexan", furnished as pellets**

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	1.5	V-0	2	3	120	110	120
	3.0	V-0, 5VA	1	1	120	110	120
	6.0	V-0, 5VA	1	0	120	110	120

Comparative Tracking Index (CTI): **4**Dimensional Stability (%): **0**High-Voltage Arc Tracking Rate
(HVTR): **3**High Volt, Low Current Arc Resis (D495): **7**Dielectric Strength (kV/mm): **40**Volume Resistivity (10xohm-cm): **15****(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.****NOTE - Material designations may be followed by any combination of numbers or letters.**

UL94 small-scale test data does not pertain to building materials, furnishings and related contents. UL94 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 ULI.

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**IEC and ISO Test Methods**

Test Name	Test Method	Units	Thickness Tested (mm)	Value
IEC Flammability	IEC 60695-11-10	Class (color)	1.5	V-0 (ALL)
			3.0	V-0, 5VA (ALL)
			6.0	V-0, 5VA (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/m2	-	-
ISO Izod Impact	ISO 180	kJ/m2	-	-
ISO Charpy Impact	ISO 179-2	kJ/m2	-	-

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