

Component - Plastics

E154352

Guide Information

GINAR TECHNOLOGY CO LTD

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C222(+)

Polycarbonate (PC), glass reinforced, furnished as pellets

<u>Color</u>	<u>Min. Thk</u> <u>(mm)</u>	<u>Flame</u> <u>Class</u>	<u>HWI</u>	<u>HAI</u>	<u>RTI</u> <u>Elec</u>	<u>RTI</u> <u>Imp</u>	<u>RTI</u> <u>Str</u>
ALL	0.75	V-0	1	0	80	80	80
	1.6	V-0	1	0	80	80	80
	3.0	V-0	0	0	80	80	80

Comparative Tracking Index (CTI): 3
Dielectric Strength (kV/mm): 38

Inclined Plane Tracking (IPT) kV: -
Volume Resistivity (10^x ohm-cm): -
High Volt, Low Current Arc Resis
(D495): 6

High-Voltage Arc Tracking Rate (HVTR): 4

Dimensional Stability (%): -

(+) - May be replaced by one to five numbers and/or letters, denoting color codes.

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
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**IEC and ISO Test Methods**

Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.75	V-0 (ALL)
			1.6	V-0 (ALL)
			3.0	V-0 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	0.75	960
			1.6	960
			3.0	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	0.75	875
			1.6	875
			3.0	875
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	-	-