

Component - Plastics

E65069

**3M INNOVATIVE PAPER TECHNOLOGIES**

1 PAPER TRL, TILTON NH 03276-5250

**ThermaVolt\*****Inorganic Cold-molded Compounds, furnished as sheets or rolls**

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
<b>NC</b>	<b>0.064-0.381</b>	<b>V-0, 5VA</b>	<b>4</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>

Comparative Tracking Index (CTI): **0**Inclined Plane Tracking (IPT): **-**Dielectric Strength (kV/mm): **30**Volume Resistivity (10<sup>x</sup> ohm-cm): **14**High-Voltage Arc Tracking Rate  
(HVTR): **0**High Volt, Low Current Arc Resis (D495): **4**Dimensional Stability (%): **-**

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
<b>Flammability</b>	<b>IEC 60695-11-10, IEC 60695-11-20</b>	<b>Class (color)</b>	<b>0.064-0.381</b>	<b>V-0, 5VA (NC)</b>
<b>Glow-Wire Flammability (GWFI)</b>	<b>IEC 60695-2-12</b>	<b>C</b>	<b>-</b>	<b>-</b>
<b>Glow-Wire Ignition (GWIT)</b>	<b>IEC 60695-2-13</b>	<b>C</b>	<b>-</b>	<b>-</b>
<b>IEC Comparative Tracking Index</b>	<b>IEC 60112</b>	<b>Volts (Max)</b>	<b>-</b>	<b>-</b>
<b>IEC Ball Pressure</b>	<b>IEC 60695-10-2</b>	<b>C</b>	<b>-</b>	<b>-</b>
<b>ISO Heat Deflection (1.80 MPa)</b>	<b>ISO 75-2</b>	<b>C</b>	<b>-</b>	<b>-</b>
<b>ISO Tensile Strength</b>	<b>ISO 527-2</b>	<b>MPa</b>	<b>-</b>	<b>-</b>
<b>ISO Flexural Strength</b>	<b>ISO 178</b>	<b>MPa</b>	<b>-</b>	<b>-</b>
<b>ISO Tensile Impact</b>	<b>ISO 8256</b>	<b>kJ/m<sup>2</sup></b>	<b>-</b>	<b>-</b>
<b>ISO Izod Impact</b>	<b>ISO 180</b>	<b>kJ/m<sup>2</sup></b>	<b>-</b>	<b>-</b>
<b>ISO Charpy Impact</b>	<b>ISO 179-2</b>	<b>kJ/m<sup>2</sup></b>	<b>-</b>	<b>-</b>

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