
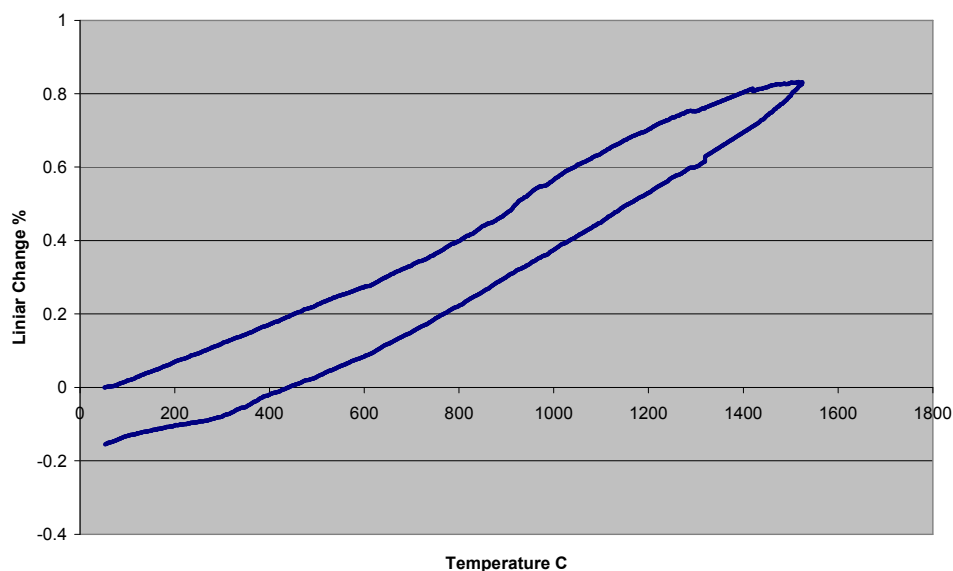


**Emhart Glass 348 - Material Technical Data Sheet**

<b>Mix ID:</b>	<b>348</b>			
<b>Mix Name:</b>	<b>Corlac</b>			
<b>Type:</b>	<b>Cast</b>			
<b>Application:</b>	Induction melting crucibles, tap out block-aluminum furnaces, glass melting crucibles-high metal content. Burner blocks. Good thermal shock resistance.			
<b>Typicals:</b>	<b>Porosity:</b>	<b>25%</b>	<b>Chemistry:</b>	<b>Wt.%</b>
 <b>REFRACTORY PRODUCTS</b>	<b>Density:</b>	<b>2.6 g/cc</b>	<b>Al<sub>2</sub>O<sub>3</sub></b>	<b>88.7</b>
	<b>Apparent Specific Gravity:</b>	<b>3.5 g/cc</b>	<b>SiO<sub>2</sub></b>	<b>10.5</b>
	<b>MOR:</b>	<b>1800 psi</b>	<b>ZrO<sub>2</sub></b>	<b>.0</b>
	<b>PCE:</b>	<b>39</b>	<b>Fe<sub>2</sub>O<sub>3</sub></b>	<b>.3</b>
	<b>Linear Thermal Expansion:</b>	<b>6.9 x 10<sup>-6</sup> (in/in/°C)</b>	<b>NaO</b>	<b>N/A</b>
			<b>CaO</b>	<b>TR</b>
			<b>MgO</b>	<b>TR</b>
			<b>TiO<sub>2</sub></b>	<b>.2</b>
		<b>Other</b>	<b>.3</b>	

**Thermal Expansion Corlac 348**



All data is subject to reasonable deviations and not to be used for specification purposes.