
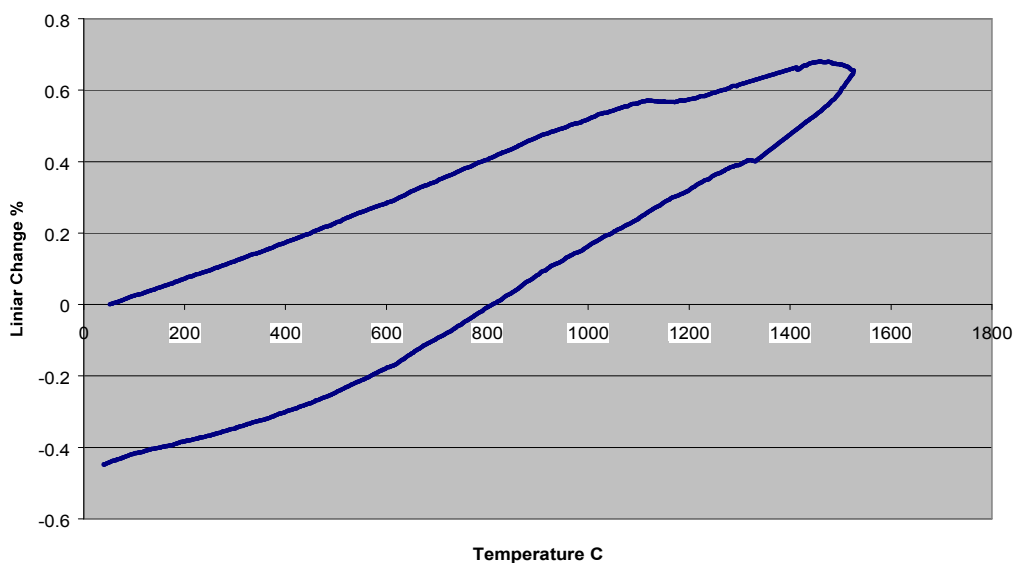


**Emhart Glass 314 - Material Technical Data Sheet**

<b>Mix ID:</b>	<b>314</b>			
<b>Mix Name:</b>	<b>Zalac</b>			
<b>Type:</b>	<b>Pressed</b>			
<b>Application:</b>	Excellent corrosion resistant, orifice rings.			
<b>Typicals:</b>	<b>Porosity:</b>	<b>24%</b>	<b>Chemistry:</b>	<b>Wt.%</b>
 <b>REFRACTORY PRODUCTS</b>	<b>Density:</b>	<b>3.0 g/cc</b>	<b>Al<sub>2</sub>O<sub>3</sub></b>	<b>68.9</b>
			<b>SiO<sub>2</sub></b>	<b>10.9</b>
	<b>Apparent Specific Gravity:</b>	<b>3.9 g/cc</b>	<b>ZrO<sub>2</sub></b>	<b>19.9</b>
			<b>Fe<sub>2</sub>O<sub>3</sub></b>	<b>.1</b>
	<b>MOR:</b>	<b>2300 psi</b>	<b>NaO</b>	<b>N/A</b>
			<b>CaO</b>	<b>N/A</b>
	<b>PCE:</b>	<b>34</b>	<b>MgO</b>	<b>N/A</b>
			<b>TiO<sub>2</sub></b>	<b>N/A</b>
	<b>Linear Thermal Expansion:</b>	<b>6.6 x 10<sup>-6</sup> (in/in/°C)</b>	<b>Other</b>	<b>.2</b>

**Thermal Expansion Zalac 314**



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