
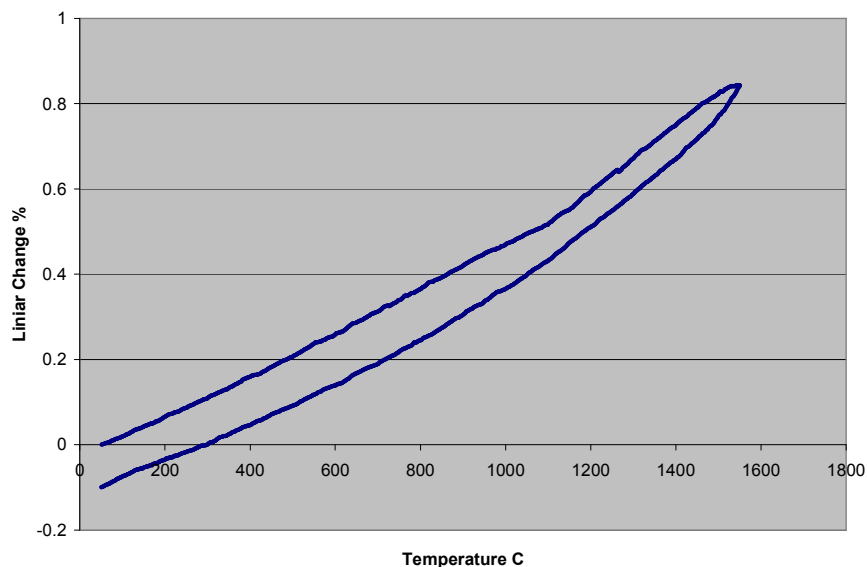


**Emhart Glass 338 - Material Technical Data Sheet**

<b>Mix ID:</b>	338			
<b>Mix Name:</b>	Hylac			
<b>Type:</b>	Cast			
<b>Application:</b>	Forehearth refractory of choice for most customers, also used for covers, burner blocks, and special shapes. Provides excellent alkali vapor resistance.			
<b>Typicals:</b>	<b>Porosity:</b>	18%	<b>Chemistry:</b>	<b>Wt.%</b>
 <b>REFRACTORY PRODUCTS</b>	<b>Density:</b>	2.5 g/cc	<b>Al<sub>2</sub>O<sub>3</sub></b>	<b>71.4</b>
	<b>Apparent Specific Gravity:</b>	3.2 g/cc	<b>SiO<sub>2</sub></b>	<b>26.3</b>
	<b>MOR:</b>	2900 psi	<b>ZrO<sub>2</sub></b>	<b>N/A</b>
	<b>PCE:</b>	38	<b>Fe<sub>2</sub>O<sub>3</sub></b>	<b>.78</b>
	<b>Linear Thermal Expansion:</b>	5.49x 10 <sup>-6</sup> (in/in/°C)	<b>NaO</b>	<b>N/A</b>
			<b>CaO</b>	<b>.03</b>
			<b>MgO</b>	<b>.04</b>
			<b>TiO<sub>2</sub></b>	<b>1.35</b>
		<b>Other</b>	<b>.10</b>	

**Thermal Expansion Hylac 338**



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