
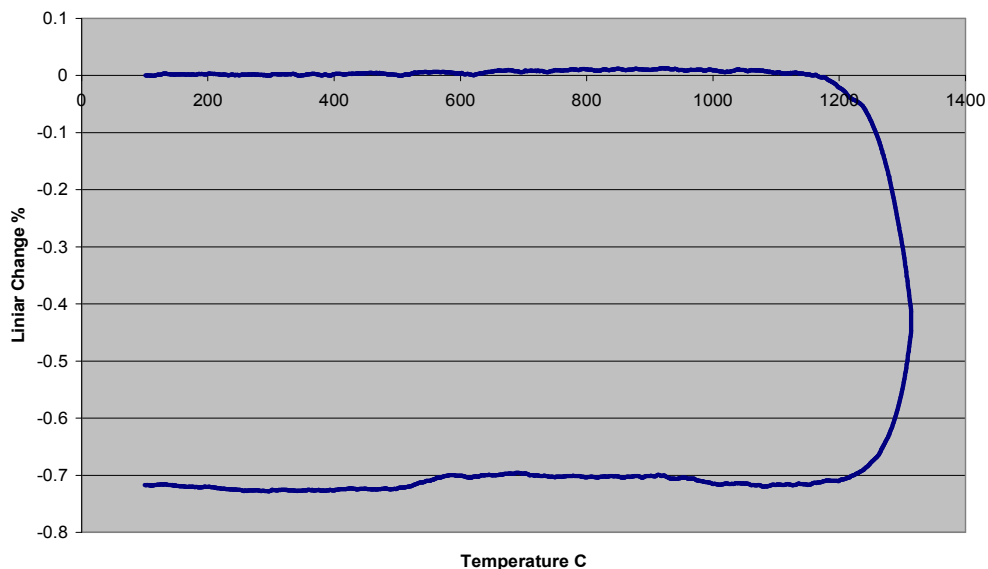


**Emhart Glass 357 - Material Technical Data Sheet**

<b>Mix ID:</b>	<b>357</b>			
<b>Mix Name:</b>	<b>Fusillac F</b>			
<b>Type:</b>	<b>Cast</b>			
<b>Application:</b>	Excellent resistance to thermal shock to 2150° F. Excellent corrosion resistance in Borate to lead glasses.			
<b>Typicals:</b>	<b>Porosity:</b>	<b>18%</b>	<b>Chemistry:</b>	<b>Wt.%</b>
	<b>Density:</b>	<b>1.7 g/cc</b>	<b>Al<sub>2</sub>O<sub>3</sub></b>	<b>.0625</b>
	<b>Apparent Specific Gravity:</b>	<b>2.1 g/cc</b>	<b>SiO<sub>2</sub></b>	<b>99.99</b>
	<b>MOR:</b>	<b>850 psi</b>	<b>ZrO<sub>2</sub></b>	<b>N/A</b>
	<b>PCE:</b>	<b>31</b>	<b>Fe<sub>2</sub>O<sub>3</sub></b>	<b>.0201</b>
	<b>Linear Thermal Expansion:</b>	<b>.046 x 10<sup>-6</sup> (in/in/°C)</b>	<b>NaO</b>	<b>.0025</b>
			<b>CaO</b>	<b>.0028</b>
			<b>MgO</b>	<b>.0010</b>
			<b>TiO<sub>2</sub></b>	<b>.0075</b>
		<b>Other</b>	<b>.0020</b>	

**Thermal Expansion Fusillac F 357-F**



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