


**Emhart Glass 390 - Material Technical Data Sheet**

<b>Mix ID:</b>	<b>390</b>			
<b>Mix Name:</b>				
<b>Type:</b>	<b>Cast</b>			
<b>Application:</b>	High alumina refractory. Used for the fabrication of burner blocks, furnace and forehearth shapes when above average corrosion conditions exist. Average thermal shock resistance.			
<b>Typicals:</b>	<b>Porosity:</b>	<b>22%</b>	<b>Chemistry:</b>	<b>Wt.%</b>
				
	<b>Density:</b>	<b>2.7 g/cc</b>	<b>Al<sub>2</sub>O<sub>3</sub></b>	<b>92.2</b>
			<b>SiO<sub>2</sub></b>	<b>7.4</b>
	<b>Apparent Specific Gravity:</b>	<b>3.6 g/cc</b>	<b>ZrO<sub>2</sub></b>	<b>N/A</b>
			<b>Fe<sub>2</sub>O<sub>3</sub></b>	<b>.1</b>
	<b>MOR:</b>	<b>3000 psi</b>	<b>NaO</b>	<b>N/A</b>
			<b>CaO</b>	<b>0</b>
	<b>PCE:</b>	<b>N/A</b>	<b>MgO</b>	<b>0</b>
			<b>TiO<sub>2</sub></b>	<b>0</b>
<b>Linear Thermal Expansion:</b>	<b>N/A</b>	<b>Other</b>	<b>.3</b>	

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