
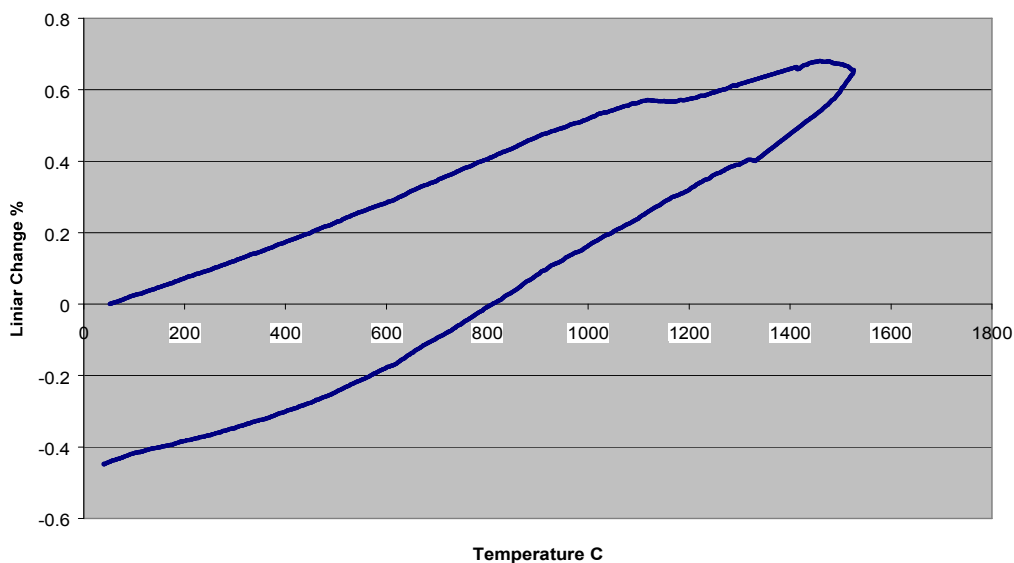


Emhart Glass 311 - Material Technical Data Sheet

Mix ID:	311			
Mix Name:	Emhart Glass 311			
Type:	Cast			
Application:	Emhart Glass 311 high alumina mix used for orifice rings.			
Typicals:	Porosity:	23%	Chemistry:	Wt.%
	Density:	2.6 g/cc	Al₂O₃	91.0
			SiO₂	8.6
	Apparent Specific Gravity:	3.6 g/cc	ZrO₂	.04
			Fe₂O₃	.09
	MOR:	2400 psi	NaO	N/A
			CaO	.02
	PCE:	38	MgO	.23
			TiO₂	.02
	Linear Thermal Expansion:	4.7 x 10⁻⁶ (in/in/°C)	Other	0

Thermal Expansion Emhart 311



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