
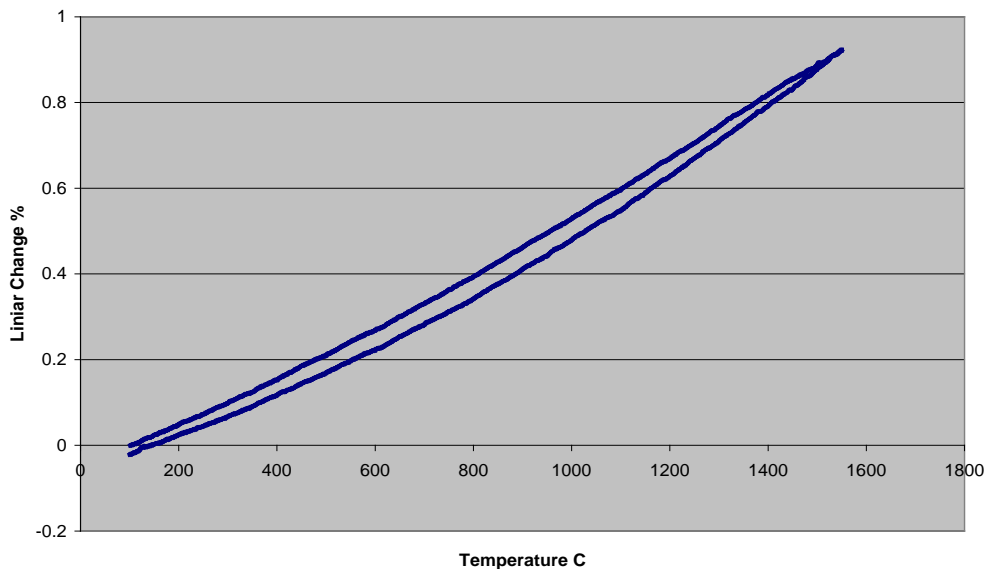


Emhart Glass 333 - Material Technical Data Sheet

Mix ID:	333			
Mix Name:	Emhart Glass 333			
Type:	Cast			
Application:	Emhart Glass 333 is the workhorse for our glass contact expendable refractories. Used for tubes, spouts, plungers, stirrers, crucibles, and skimmer blocks. The 333 is a good all-round mix for corrosion and thermal shock resistance.			
Typicals:	Porosity:	18%	Chemistry:	Wt.%
	Bulk Density:	2.9 g/cc	Al₂O₃	73.2
	Apparent Density:	3.6 g/cc	SiO₂	15.1
	MOR:	2900 psi	ZrO₂	11.3
	PCE:	34	Fe₂O₃	.1
	Linear Thermal Expansion:	5.85 x 10⁻⁶ (in/in/°C)	NaO	N/A
			CaO	N/A
			MgO	N/A
			TiO₂	.15
			Other	.15

Thermal Expansion 333



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