
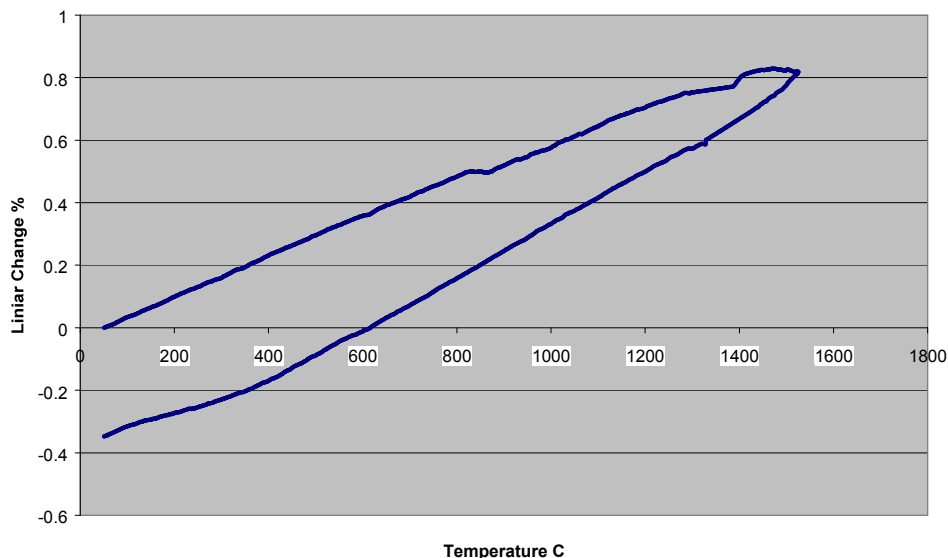


Emhart Glass 349 - Material Technical Data Sheet

Mix ID:	349			
Mix Name:	Crystalite CTA (90B)			
Type:	Cast			
Application:	Mandrels, Burner blocks, transition components. Support components for platinum clad, glass contact, feeder part expendables. Good thermal shock and glass corrosion resistance.			
Typicals:	Porosity:	23%	Chemistry:	Wt.%
	Density:	2.6 g/cc	Al₂O₃	89.1
	Apparent Specific Gravity:	3.4 g/cc	SiO₂	9.9
	MOR:	3000 psi	ZrO₂	N/A
	PCE:	39	Fe₂O₃	.25
	Linear Thermal Expansion:	5.8 x 10⁻⁶ (in/in/°C)	NaO	N/A
			CaO	N/A
			MgO	N/A
			TiO₂	.30
			Other	.35

Thermal Expansion Crystalite 349



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