
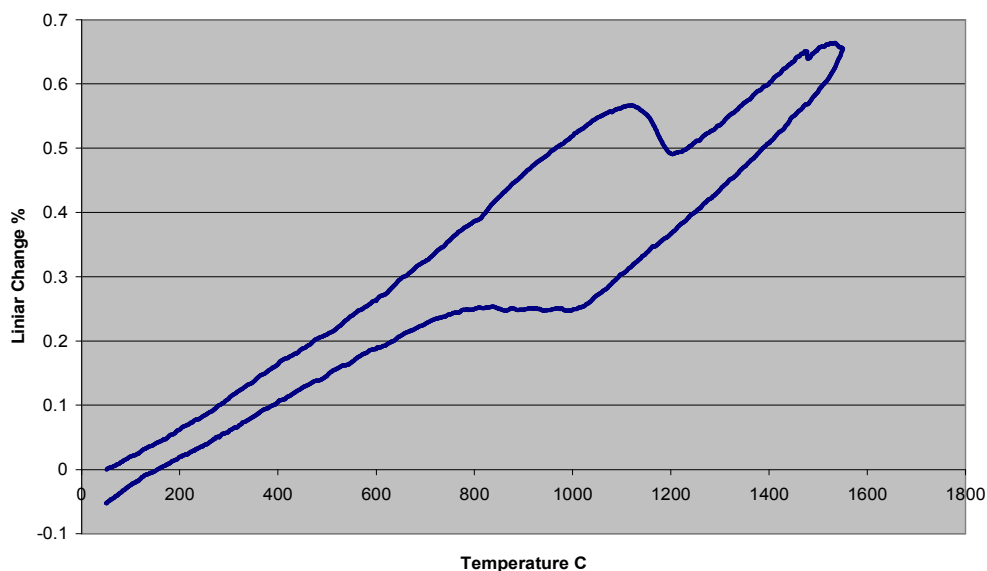


Emhart Glass 305 - Material Technical Data Sheet

Mix ID:	305			
Mix Name:	Phoenix VC-79-4			
Type:	Cast			
Application:	Rotor segments, tubes, and plungers for glass. Also crucibles and pouring cups for metal production. Excellent thermal shock resistance.			
Typicals:	Porosity:	23%	Chemistry:	Wt.%
	Density:	2.7 g/cc	Al₂O₃	53.5
			SiO₂	22.5
	Apparent Specific Gravity:	3.5 g/cc	ZrO₂	23.0
			Fe₂O₃	.4
	MOR:	1500 psi	NaO	N/A
			CaO	0
	PCE:	33	MgO	0
			TiO₂	.3
	Linear Thermal Expansion:	5.12x 10⁻⁶ (in/in/°C)	Other	.3

Thermal Expansion Phoenix VC79-4 "305"



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