
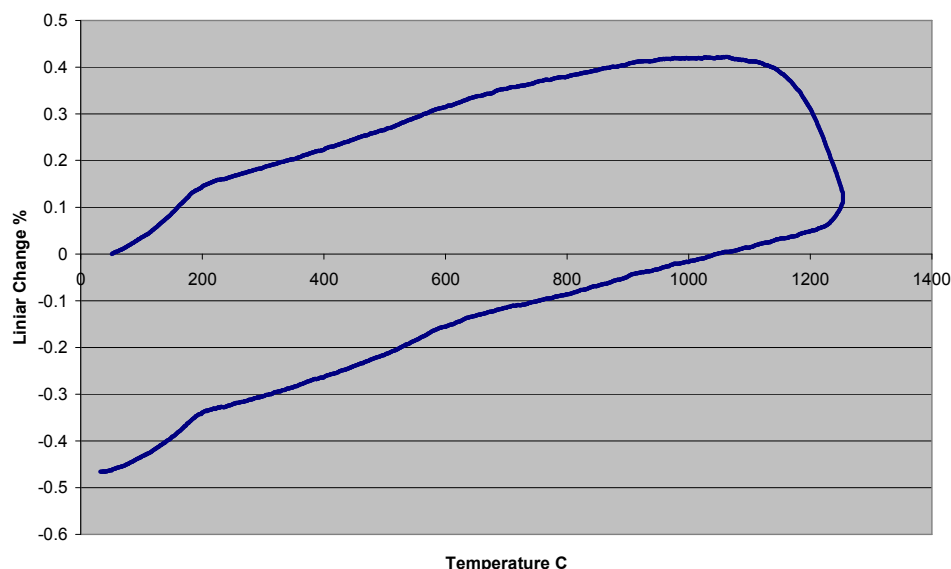


Emhart Glass 381 - Material Technical Data Sheet

Mix ID:	381			
Mix Name:	211-XFS			
Type:	Cast			
Application:	Glass melting pots – crucibles. Glass house expendables, where glass contact is involved. Has improved resistance to thermal shock over that of regular flux compositions.			
Typicals:	Porosity:	21%	Chemistry:	Wt.%
(Fired to 2100° F)  REFRACTORY PRODUCTS	Density:	2.0 g/cc	Al₂O₃	30.5
	Apparent Specific Gravity:	2.57 g/cc	SiO₂	64.1
	MOR:	600 psi	Fe₂O₃	.75
	PCE:	27	NaO	.12
	Linear Thermal Expansion: (200°C – 1000°C)	3.39 x 10⁻⁶ (in/in/°C)	CaO	.1
			MgO	.1
			TiO₂	1.3
			L.O.I.	2.5
		Other	.5	

Thermal Expansion 211-XFS 381



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