


Emhart Glass 385 - Material Technical Data Sheet

Mix ID:	385			
Mix Name:	Alplac-92			
Type:	Cast			
Application:	Burner blocks, tap hole blocks, tundishes, and troughs. Has excellent corrosion resistance to aluminum, vacuum alloys. Fair to good resistance to thermal shock. 92% Chemically Bonded.			
Typicals:	Porosity:	20%	Chemistry:	Wt.%
				
	Density:	2.9 g/cc	Al₂O₃	91.87
			SiO₂	.02
	Apparent Specific Gravity:	3.6 g/cc	ZrO₂	N/A
			Fe₂O₃	.06
	MOR:	3000 psi	P₂O₅	3.53
			CaO	N/A
	PCE:	34	MgO	N/A
			TiO₂	N/A
	Linear Thermal Expansion:	7.9 x 10⁻⁶ (in/in/°C)	Other	4.52

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