


Emhart Glass 396 - Material Technical Data Sheet

Mix ID:	396				
Mix Name:					
Type:	Pressed				
Features:	-High temperature ceramic fiber insulation board. Low thermal conductivity, high temperature stability and excellent resistance to thermal shock and chemical attack. Easily sawed, drilled, and is machinable. Excellent chemical stability. Resists attack from most corrosive agents. Resists oxidation and reduction. No water of hydration is present. Available in a wide variety of sizes and thicknesses.				
Application:	-Used for high temperature gaskets and seals, baffles and muffles, flue and chimney linings in furnaces and kilns, heat shields, duct linings, and refractory backup.				
Typicals:	Porosity:		Chemistry:	Wt.%	
 REFRACTORY PRODUCTS					
	Density:	.192 - .256 g/cc		Al₂O₃	
				SiO₂	
	Melting point:	3300°F	1816°C	ZrO₂	N/A
				Fe₂O₃	N/A
	MOR:	150 psi		Na₂O-K₂O	N/A
				CaO	N/A
	Continuous Use Temperature:	2600°F	1427°C	MgO	N/A
				TiO₂	N/A
Linear Shrinkage:	2.0% @ 2300°F 1260°C		Other	N/A	

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