



Ceramic Vacuum Forming

CVF NCF Organic Material

(All Material Can Be Prefired In House to Remove Organics If Needed)

Properties	CVF NCF 2300° LD	CVF NCF 2300° HD
Color	Cream-Off White	Cream-Off White
Classification Temperature °F (°C)	2300 (1230)	2300 (1230)
Continuous Use Temperature °F (°C)	2300 (1230)	2300 (1230)
Melting Point Temperature °F (°C)	3200 (1760)	3200 (1760)
Nominal Density lb/ft ³	15-21	22-28
Typical Shrinkage (%) 24 Hrs @ 2000°F	<2%	<2%
Typical Shrinkage (%) 24 Hrs @ 2300°F	-	-
Typical Shrinkage (%) 24 Hrs @ 29010°F	-	-
LOI (% by weight)	5-8%	5-8%
MOR, PSI		
Green Typical	125	200
Fired Typical	65	65
Chemical Composition		
Al ₂ O ₃	47-52%	47-52%
SiO ₂	48-53%	48-53%
ZrO ₂	-	-
Applications		
Back-Up for Castables	Kiln Lining Insulation	Combustion Chambers
Gaskets and Seals	Personal Protection	Flue & Chimney Linings
Molten Metals And Conveying	Hot Gas Duct Linings	Expansion Joint Materials
High and Low Temp Dryer Linings	Dryer Back-Up	Heat Shields