



Ceramic Vacuum Forming

CVF RCF Organic Material

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

Properties	CVF 2300° LD	CVF 2300° HD	CVF Starter Bar	CVF LDT Board	CVF AZS 2550°	CVF 2600° LD	CVF 2600° HD	CVF 3000° LD	CVF 3000° HD
Color	Cream-Off White	Cream-Off White	Cream-Off White	Cream-Off White	Cream-Off White	Cream-Off White	Cream-Off White	Cream-Off White	Cream-Off White
Classification Temperature °F (°C)	2300 (1230)	2300 (1230)	2300 (1230)	2300 (1230)	2550 (1400)	2600 (1425)	2600 (1425)	3000 (1650)	3000 (1650)
Continuous Use Temperature °F (°C)	2300 (1230)	2300 (1230)	2300 (1230)	2300 (1230)	2550 (1400)	2600 (1425)	2600 (1425)	3000 (1650)	3000 (1650)
Melting Point Temperature °F (°C)	3200 (1760)	3200 (1760)	3200 (1760)	3200 (1760)	3300 (1816)	3300 (1816)	3300 (1816)	3400 (1871)	3400 (1871)
Nominal Density lb/ft ³	15-21	22-28	15-22	15-22	19-25	14-22	23-28	11-17	18-24
Typical Shrinkage (%) 24 Hrs @ 2000°F	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%
Typical Shrinkage (%) 24 Hrs @ 2300°F	-	-	-	-	<3.5%	<3.5%	<3.5%	<2%	<2%
Typical Shrinkage (%) 24 Hrs @ 29010°F	-	-	-	-	-	-	-	<2%	<2%
LOI (% by weight)	5-8%	5-8%	5-8%	5-8%	4-7%	4-7%	4-7%	4-7%	4-7%
MOR, PSI									
Green Typical	125	200	125	125	150	125	165	125	150
Fired Typical	65	65	65	65	65	65	65	50	50
Chemical Composition									
Al ₂ O ₃	47-52%	47-52%	47-52%	47-52%	43-45%	65-75%	65-75%	75-85%	75-85%
SiO ₂	48-53%	48-53%	48-53%	48-53%	43-45%	28-32%	28-32%	15-20%	15-20%
ZrO ₂	-	-	-	-	7-8%	-	-	-	-

Applications

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|-----------------------------------|---------------------------|------------------------------|
| 1 Back-Up for Castables | 5 Killn Lining Insulation | 9 Combustion Chambers |
| 2 Gaskets and Seals | 6 Personal Protection | 10 Flue & Chimney Linings |
| 3 Molten Metals And Conveying | 7 Hot Gas Duct Linings | 11 Expansion Joint Materials |
| 4 High and Low Temp Dryer Linings | 8 Dryer Back-Up | 12 Heat Shields |