



Oreworld trade (Tangshan) co., Ltd.

Ceramic Fiber Blanket

Refractory ceramic fiber blanket is composed of long flexible, interwoven fibers manufactured by the “spun” process yielding a strong, lightweight, durable product.

Ceramic Fiber Blanket Features:

- Light weight
- Low thermal conductivity
- Good heat preservation performance
- Sound Absorption
- Easy to install
- No asbestos

Ceramic Fiber Blanket Application:

Ceramic Fiber Blanket can be used as thermal insulation layers of inside lining of the various furnace or kiln in ceramic and other industries.

Ceramic Fiber Blanket Properties

Items	BK105	BK110	BK120	BK135
Classify Temp. °C	1260	1260	1360	1430
Working Temp. °C	1050	1100	1200	1350
Color	White			
Bulk Density	96	96	96	96
Kg/m3	128	128	160	160
Rate of linear change (%) (Conserve in 24 hours, bulk density 128 Kg/m3)	-4 (1000 °C)	-4 (1100 °C)	-4 (1250 °C)	-4 (1350 °C)
Thermal Conductivity (w/n.k)	0.09 (400°C)	0.09 (400°C)	0.132 (600°C)	0.76 (600°C)
Bulk Density Kg/m3	0.176 (800°C)	0.176 (800°C)	0.22 (1000 °C)	0.22 (1000 °C)
		0.22 (1000 °C)		
Tensile Strength Mpa	0.08-0.1	0.08-0.1	0.08-0.1	0.08-0.1
Bulk density 128Kg/m3)	2	2	2	2
Chemical	AL2O3	45-46	47-49	52-55
				39-40



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Compositi on	AL ₂ O ₃ +SiO ₂	97	99	99	—
	AL ₂ O ₃ +SiO ₂ +Zr O ₂	—	—	—	99
%	ZrO ₂	—	—	—	15-17
	Fe ₂ O ₃	<1.0	0.2	0.2	0.2
	Na ₂ O+K ₂ O	≤0.5	0.2	0.2	0.2

Ceramic Fiber Blanket Packing

By bags or cartons.