

Ceramic Fiber Blanket



High-Temperature
Stability



Excellent Thermal
Insulation Properties



Free of Binders and
Corrosive Substances



Excellent Sound
Absorption

Application:

The ceramic fiber blanket is white in color, regular in size, integrated with heat insulation, and heat preservation functions, and does not contain any additives.

Technical Data:

Item	Common Type	Standard Type	HighPurity Type	High Alumina Type	Zirconium Containing Type
Classification Temperature, °C	1050	1260	1260	1350	1430
Service Temperature, °C	<1000	1050	1100	1200	1350
Bulk & Density, kg/m ³	96-128	96-128	96-128	128-160	128-160
Permanent Liner Change, %	-4(1000°C)	-3(1000°C)	-3(1100°C)	-3(1250°C)	-3(1350°C)
Thermal Conductivity W/(m·k)(128kg/m ³)	0.09 (400°C) 0.176 (800°C)	0.09 (400°C) 0.176 (800°C)	0.09 (400°C) 0.176 (800°C) 0.22 (1000°C)	0.132 (600°C) 0.22 (1000°C)	0.76 (800°C) 0.20 (1000°C)
Strength of Extension, Mpa	0.08-0.12	0.08-0.12	0.08-0.12	0.08-0.12	0.08-0.12
Al ₂ O ₃ , %	44	46	47-49	52-55	39-40
Al ₂ O ₃ +SiO ₂ , %	96	97	99	99	-
Al ₂ O ₃ +SiO ₂ +ZrO ₂ , %	-	-	-	-	99
ZrO ₂ , %	-	-	-	-	15~17
Fe ₂ O ₃ , %	<1.2	<1.0	0.2	0.2	0.2
Na ₂ O+K ₂ O, %	≤0.5	≤0.5	0.2	0.2	0.2
Size, mm	Standard Size:7200*610*6-60, Customized Sizes				