

Ceramic Fiber Blanket



It is a new type of refractory and insulating materials which is white with formal dimension and integrates the performance of heat insulation and thermal preservation together. and the product does not contain any bonding agent. Classification Temperature: 1050-1800°C.

Features:

1. Low heat-conduction ratio and thermal capacity
2. High quality of tensile strength
3. High quality of stability and thermal shock resistance
4. High quality of heat insulation, fireproofing and sound-absorbability

COM ST HP HAA HZ Alumina Silicate Blowing FiberBlankets

Specification:

Item	COM	ST	HP	HA	HZ	
Specification Tem (°C)	1100	1260	1260	1360	1430	
Working Tem (°C)	<1000	1050	1100	1200	1350	
Color	white	white	white	white	white	
Density (kg/m ³)	96 128	96 128	96 128	128 160	128 160	
Rate of liner (%) (24h, Density 128kg/m ³)	-4 (1000°C)	-3 (1000°C)	-3 (1100°C)	-3 (1250°C)	-3 (1350°C)	
Rate of thermal conductivity, (w/m·k), (Density 128kg/m ³)	0.09(400°C) 0.16(800°C)	0.09(400°C) 0.16(800°C)	0.09(400°C) 0.16(800°C) 0.20(1000°C)	0.12(600°C) 0.20(1000°C)	0.16(800°C) 0.20(1000°C)	
Tensile strength (MPa) (Density 128kg/m ³)	0.04	0.04	0.04	0.04	0.04	
Chemical composition (%)	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