High temperature Ceramic Fiber Blanket Module

Product description: Ceramic fiber folded module is the choice of ceramic fiber blanket acupuncture, the advanced equipment, by folding, the installation of anchors and other accessories sleepy tie together. This product is the most commonly used industrial furnace insulation module, the fiber module in a compressed state, in use after installation, the module due to the expansion of fiber rebound and make seamless lining, offset the heat shrinkage fiber, improved fiber lining thermal insulation properties. Depending on different environments. It can be coated with a surface treatment agent module Face, and improve the performance of the module

Features: Low bulk density, low thermal conductivity; excellent thermal stability, thermal shock resistance; excellent elasticity; high mechanical strength; convenient construction and installation;

Applications: Various full fiber furnace petrochemical industry; industrial boilers and power metallurgy and building materials industry a variety of electric furnace fiber lining; various ceramic kiln, tunnel kiln lining; lining of various thermal insulation devices;

Specifications		KD-W1100	KD-W1200	KD-W1300	KD-W1400	KD-W1400
Classify		Normal Alumina	High Purity	High Purity	Comprise ZR	Polycrystalline
Long-term service temperature ℃		1100	1200	1300	1400	1600
Linear shrinkage on heating %		1000×24h≤-3	1100×24h≤-3	1200×24h≤-3	1350×24h≤-3	1550×24h≤-3
Thermal Conductivity W/(m·k)（128kg³）	AvG 500℃	≤0.153	≤0.153	≤0.153	≤0.153	
Tensile Strength （Mpa）（25mm）		≥0.04	≥0.05	≥0.04	≥0.06	≥0.06
Voles density （Kg/m³）		160-260	160-260	160-260	160-260	160-260
Chemical Composition (%)	Al_2O_3	≥44	≥45	≥52	≥36	≥72
	SiO_2	≥52	≥54	≥46	≥48	≥28
	Al_2O_3+ SiO_2	≥97	≥99	≥99	——	——
	Fe_2O_3	≤0.8	≤0.2	≤0.2	≤0.1	——
	ZrO_2	——	——	——	≥15	——
	ZrO_2+ Al_2O_3+ SiO_2	——	——	——	≥99	≥99
Package style		Bag + carton				

Remark：Product technique data are an average value base on standard test, it will fluctuate in a certain range, is not the quality assurance data of the product.