

High Temperature Ceramic Fiber Veneer Pieces



Polycrystalline Alumina Fiber Module-cutted is from polycrystalline alumina fiber by special process finishing cutting, compression formed. Does not contain any binders or other ingredients, with excellent elasticity and flexibility, the maximum temperature up to 1600 °C. They oxidizing atmosphere, the neutral atmosphere, the long-term bear this temperature, still maintain their original toughness, strength, flexibility and fiber structure, and non-residue ball, can be used by a variety of high-temperature industrial furnaces hot face lining paste, has a special significant insulation performance.

Application

Used as module-cutted of working lining for various furnace such as heating furnace, soaking furnace, heat treatment furnace, and ceramic fast firing kiln, and sealing materials for furnace door or cover.

Product brand		KD-FT-1300	KD-FT-1450	KD-FT-1600	KD-FT-1700
Max. service temperature		1300	1450	1600	1700
Classify		High Aluminum	Comprise ZR	polycrystalline	polycrystalline
Linear shrinkage on heating %		1200x24h≤-3	1300x24h≤-3	1500x24h≤-3	1600x24h≤-3
Chemical Compositions %	Al ₂ O ₃	≥54	≥36	≥72	≥80
	SiO ₂	≥46	≥48	≥28	≥20
	Al ₂ O ₃ + SiO ₂	≥99	—	≥99.5	≥99.5
	Fe ₂ O ₃	≤0.2	≤0.1	—	—
	ZrO ₂	—	≥15	—	—
Product specification mm		Standard: 200×100×30-80 (Length * width * thickness) In accordance with design drawing of use			

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.