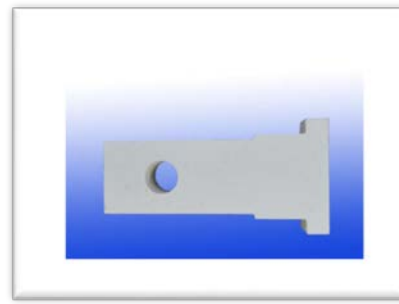
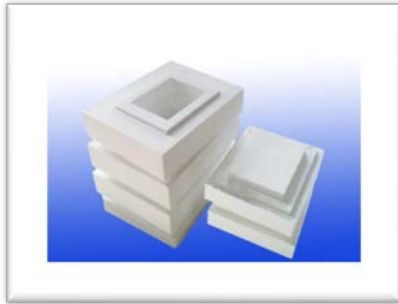


High Temperature Ceramic Fiber Special-shaped Product



The products are fabricated by suck-press combined method using polycrystalline alumina fiber as main starting materials, adding packing materials and binders. Special shaped products with different volume weights and specifications can be produced in accordance with design drawing of user. The products can long term serve at 1 750 °C and at 1 800 °C of the maximum, and have been used in many kilns to substitute imported products, saving energy and cutting cost.

Product specification

Model	KD-TY-1000	KD-TY-1260	KD-TY-1420	KD-TY-1500	KD-TY-1600	KD-TY-1700	KD-TY-1800	KD-TY-1850	
Parameter									
Maximum Temperature, °C	1000	1260	1420	1500	1600	1700	1800	1850	
Long-term Temperature °C	950	1200	1350	1450	1550	1650	1750	1800	
Volume weight kg.cm-3	300-600	300-600	400-700	400-700	400-700	400-700	450-700	500-700	
Thermal conductivity w-(m-K)-1,1200°C	0.14	0.145	0.155	0.15	0.155	0.16	0.17	0.2	
Linear shrinkage on heating%	1000	≤1	/	/	/	/	/	/	
	1200	/	≤0.5	≤0.2	/	/	/	/	
	1400	/	/	≤1	≤0.2	/	/	/	
	1500	/	/	/	≤1	≤0.2	/	/	
	1600	/	/	/	/	≤2	≤0.3	/	
	1700	/	/	/	/	/	≤2	≤0.6	≤0.8
	1800	/	/	/	/	/	/	≤2	≤0.5

Application

Used as thermal and electric insulating materials for high temperature electric furnace and heating units of equipment, and lining materials for tunnel kiln and roller kiln, Product specification, in accordance with design drawing of user.

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.