



# CERAMIC BLANKET

**Typ. KV1260 HP**

**Typ. KV1260**

**Typ. KV1350**

**Typ. KV1430**

## **DESCRIPTION:**

Ceramic fiber blankets are made up of the corresponding ceramic fiber which is produced by blowing technology, consists of such production courses as needling, heat-shaped, cutting into proper length and width, bundling up, etc. Each type of blanket has fine tensile strength except for the fine properties of the corresponding fiber, at the same time, it has a well distributed, composition and construction, and a flat face. Blankets of different bulk weight and thickness provide a wide range for our customer's choices, so they can design the best insulation construction and can get fine benefits. Standard dimensions are: 7200(3600)×610×13/20/25/50mm. Other sizes on request.

## **PRODUCT CHARACTERISTIC:**

- **Excellent chemical stability**
- **Excellent thermal stability**
- **Excellent tensile stability**
- **Low thermal conductivity**
- **Low heat storage**
- **Excellent high temperature resistance**
- **Wide and easy to install**
- **Excellent sound-absorb capability**

## **APPLICATION RANGE:**

- **Insulation materials of tubes and heat equipment in the industry of Metallurgy and Petrochemical.**
- **Insulation materials of furnace, machine and tubes in the industry of electric power.**

**SPECIFICATION DATA:**

Typ:		KV 1260	KV 1260 HP	KV 1350	KV 1430
Specification Temperature:		1260	1260	1350	1430
Colour:		White	White	White	White
Density (kg/m <sup>3</sup> ):		96,128,160	96,128,160	96,128,160	96,128,160
Shrinkage On Heating (%):		-3 % (1000 °C)	-3 % (1100 °C)	-3 % (1200 °C)	-3 % (1350 °C)
Thermal Conductivity (W/mK) (128 kg/m <sup>3</sup> ):	400 °C	0,10	0,10	0,10	0,10
	600 °C	0,12	0,12	0,14	0,14
	800 °C	0,17	0,17	0,19	0,19
	1000 °C	0,21	0,21	0,23	0,23
Tensile Strength (MPa) (128 kg/m <sup>3</sup> ):		0,4	0,4		
Chemical Composition (%):	Al <sub>2</sub> O <sub>3</sub>	43 - 46	46 - 49	40 - 45	29 - 31
	SiO <sub>2</sub>	53 - 57	50 - 53	45 - 48	53 - 55
	ZrO <sub>2</sub>	-	-	8 - 10	15 - 17
	Fe <sub>2</sub> O <sub>3</sub>	0,2	0,2	0,2	0,2
	Other	< 0,5	< 0,5	< 0,5	< 0,5

**INTERMETAL**

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