



CERAMIC MODULE

Typ. KM 1260 HP

Typ. KM 1260

Typ. KM 1350

Typ. KM 1430

Opis:

Ceramic fiber modules 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: 300x300x150, 300x300x200, 300x300x350, 300x300x300.

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:

- **Furnaces & Fired heaters**
- **Heat treatment & Forge furnaces**
- **Ladle & Soaking pit covers**
- **Tunnel kilns & Intermittent kilns**

SPECIFICATION DATA:

Typ:		KM 1260	KM 1260 HP	KM 1350	KM 1430
Specification Temperature:		1260	1260	1350	1430
Colour:		White	White	White	White
Density (kg/m ³):		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 ³):	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 ³):		0,4	0,4		
Chemical Composition (%):	Al ₂ O ₃	43 - 46	46 - 49	40 - 45	29 - 31
	SiO ₂	53 - 57	50 - 53	45 - 48	53 - 55
	ZrO ₂	-	-	8 - 10	15 - 17
	Fe ₂ O ₃	0,2	0,2	0,2	0,2
	Other	< 0,5	< 0,5	< 0,5	< 0,5

INTERMETAL

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