

■ 普通型、标准型、高纯型、锆铝型、含锆型硅酸甩丝纤维毯

COM ST HP HAA HZ ALUMININO SILICATE SWINGING FIBRE BLANKETS

分类温度:

- 普通型硅酸铝甩丝纤维毯 1100°C
- 标准型硅酸铝甩丝纤维毯 1260°C
- 高纯型硅酸铝甩丝纤维毯 1260°C
- 高铝型硅酸铝甩丝纤维毯 1360°C
- 锆铝型硅酸铝甩丝纤维毯 1360°C
- 含锆型硅酸铝甩丝纤维毯 1430°C

Classification Temperature:

- COM aluminino silicate swinging fibre blankets 1100°C
- ST aluminino silicate swinging fibre blankets 1260°C
- HP aluminino silicate swinging fibre blankets 1260°C
- HAA aluminino silicate swinging fibre blankets 1360°C
- HAZ aluminino silicate swinging fibre blankets 1360°C
- HZ aluminino silicate swinging fibre blankets 1430°C

生产工艺:

- 各种硅酸铝甩丝毯,由甩丝成纤工艺生产的普通型、标准型、高纯型、高铝型、含锆型硅酸铝纤维毯,经针刺、热定型、纵横切、打卷等工序制成。
- 不同容重、不同厚度的针刺毯,为用户提供了宽阔的选材范围,以获得最佳隔热结构和节能效益。
- 甩丝纤维毯直径均匀,纤维长,渣球含量低,使其纤维交织程度、抗分层、性能、抗风蚀、柔韧性及抗拉强度等性能均有全面提高,从而提高了针刺毯的应用性能,减少了材料损耗。
- 甩丝纤维毯不使用任何结合剂,确保产品在各种环境下均具有良好可靠性与稳定性。

Producing Technology:

- Each type of Swinging Fibre Blanket is made up of the corresponding swinging fibre(such as COM,HA,HP and HZ fibre)which is produced by swinging 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 fibre,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 customers'choices,so they can design the best insulation construction and can get fine benefits.
- The swinging fibre blankets have long fibres with even diameters and low sediment balls,with improved functions in fibre interweaving,resisting layers devided resisting wind erosion,pliability and tensile strength,thus have improved the applied function and reduced the loss of materials.
- The swinging blankets do not use any binding preparation to make sure that the products possess perfect reliability and stability under all kinds of environments.

工作温度

- 取决于材料使用条件,热源种类及环境气氛等条件。

Working Temperature:

- Working Temperature is determined by using condition, heating manners and environment atmosphere,etc.

技术特性

- 低导热率、低热容量
- 优良的热稳定性及抗热震性
- 优良的抗拉强度
- 优良的隔热、防火、吸音性

Characteristics:

- Low thermal conductivity and low heat storage
- Excellent thermal stability and thermal shock resistance.
- Excellent erosion resistance
- Excellent heat insulation, fire proofing and processing function

应用:

- 工业建材窑炉、加热装置、高温管道壁衬
- 电力锅炉、汽轮机及核电隔热
- 化工工业高温反应设备及加热设备的壁衬
- 高层建筑防火、隔热
- 窑炉炉门、顶盖隔热
- 高温过滤材质

Usage:

- Industrial furnace, heaters, inside wall of high temperature tube.
- Electric power furnace, nuclear power station and heat insulation.
- Liners of chemical industry high temperature reaction equipment and heat insulation
- Fire proofing and heat insulation of high building
- Heat insulation for kiln door and lid
- Filtration material of high temperature



■ 硅酸铝甩丝纤维毯

项 目	品 名	普通型	标准型	高纯型	高铝型	锆铝型	含锆型
分类温度 ℃		1100	1260	1260	1360	1360	1430
工作温度 ℃		< 1000	1050	1100	1200	1200	1350
颜 色		白	洁白	洁白	洁白	洁白	洁白
体积密度 Kg/m ³		96 128	96 128	96 128	128 160	128 160	128 160
永久线收缩(%) (保温 24 小时,体积密度 128kg/m ³)		-4 (1000℃)	-3 (1000℃)	-3 (1100℃)	-3 (1250℃)	-3 (1250℃)	-3 (1350℃)
各热面温度下导热系数 (w/n.k) 体积密度 128kg/m ³		0.09(400℃) 0.176(800℃)	0.09(400℃) 0.176(800℃)	0.09(400℃) 0.176(800℃) 0.22(1000℃)	0.132(600℃) 0.22(1000℃)	0.132(600℃) 0.22(1000℃)	0.76(600℃) 0.22(1000℃)
抗拉强度 MPa (体积密度 128kg/m ³)		0.08-0.12	0.08-0.12	0.08-0.12	0.08-0.12	0.08-0.12	0.08-0.12
化 学 组 成 %	AL ₂ O ₃	42-44	45-46	47-49	52-55	45-46	39-40
	AL ₂ O ₃ +SiO ₂	96	97	99	99	-	-
	AL ₂ O ₃ +SiO ₂ +ZrO ₂	-	-	-	-	99	99
	ZrO ₂	-	-	-	-	5-7	15-17
	Fe ₂ O ₂	< 1.2	< 1.0	0.2	0.2	0.2	0.2
	Na ₂ O+K ₂ O	< 0.5	< 0.5	0.2	0.2	0.2	0.2
产品尺寸 (mm)		常用规格 7200 × 610 × 10-50; 其它规格根据用户要求制作。					

■ ALUMINO SILICATE SWINGING FIBRE BLANKETS

Item	Product	COM	ST	HP	HA	HAZ	HZ
Specification Tem (℃)		1100	1260	1260	1360	1360	1430
Working Tem (℃)		< 1000	1050	1100	1200	1200	1350
Color		white	white	white	white	white	white
Density (Kg/m ³)		96 128	96 128	96 128	128 160	128 160	128 160
Rate of liner (%) (24h, Density 128kg/m ³)		-4 (1000℃)	-3 (1000℃)	-3 (1100℃)	-3 (1250℃)	-3 (1250℃)	-3 (1350℃)
Rate of thermal conductivity (w/n.k) (Density 128kg/m ³)		0.09(400℃) 0.176(800℃)	0.09(400℃) 0.176(800℃)	0.09(400℃) 0.176(800℃) 0.22(1000℃)	0.132(600℃) 0.22(1000℃)	0.132(600℃) 0.22(1000℃)	0.76(600℃) 0.22(1000℃)
Tensile strength (MPa) (Density 128kg/m ³)		0.08-0.12	0.08-0.12	0.08-0.12	0.08-0.12	0.08-0.12	0.08-0.12
Chemical composition (%)	AL ₂ O ₃	42-44	45-46	47-49	52-55	45-46	39-40
	AL ₂ O ₃ +SiO ₂	96	97	99	99	-	-
	AL ₂ O ₃ +SiO ₂ +ZrO ₂	-	-	-	-	99	99
	ZrO ₂	-	-	-	-	5-7	15-17
	Fe ₂ O ₂	< 1.2	< 1.0	0.2	0.2	0.2	0.2
	Na ₂ O+K ₂ O	< 0.5	< 0.5	0.2	0.2	0.2	0.2
Size (mm)		Specification: 7200 × 610 × 10-50; Other made according to customer's requirement					