

■ 普通型、标准型、高纯型、高铝型、锆铝型、含锆型硅酸铝喷吹纤维毯

ALUMINO-SILICATE EJECTING FIBER BLANKETS WITH TYPES OF COMMON, STANDRD, PURE, HIGH-ALUMINA, ZIRCONIUM CONTAINING

分类温度:

- 普通型硅酸铝喷吹纤维毯 1100°C
- 标准型硅酸铝喷吹纤维毯 1260°C
- 高纯型硅酸铝喷吹纤维毯 1260°C
- 高铝型硅酸铝喷吹纤维毯 1360°C
- 锆铝型硅酸铝喷吹纤维毯 1360°C
- 含锆型硅酸铝喷吹纤维毯 1430°C

Classification Tempertaure:

- Alumino-silicate ejecting fiber blanket of common type 1100°C
- Alumino-silicate ejecting fiber blanket of standard type 1260°C
- Alumino-silicate ejecting fiber blanket of high pure 1260°C
- Alumino-silicate ejecting fiber blanket of aluminium abounding 1360°C
- Alumino-silicate ejecting fiber blanket of aluminium abounding 1360°C
- Alumino-silicate ejecting fiber blanket of zirconium-including type 1430°C

生产工艺:

● 各种硅酸铝喷吹纤维毯,由喷吹成纤工艺生产的普通型、高纯型、高铝型、含锆型硅酸铝纤维棉经针刺、热定型、纵横切、打卷等工序制成。各种针刺毯除具有对应品种散状硅酸铝纤维棉相同的优良性能外,并具有优良的抗拉强度。针刺毯质地均匀,表面平整。

● 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。

Producing Technology:

- Various alumino-silicate ejecting fiber blankets are made through processing of pricking, heat-shaping, cutting in length and breadth, rolling etc. Aside from the same quality of corresponding type of dispersing alumino-silicate fiber cotton, all pricking blanket enjoy high quality of tensile strength, texture uniformity and plane surface.
- Customers have wide choice of various blanket apparent density and thickness to obtain prime heat insulation structure and energy-saving.

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:

- Depending on condition of use, types of heat resource and ambience.

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、气轮机及核电隔热
- 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

APPLICATIONS:

- Lining of stove, heating equipments and high-temperature pipeline
- Electric boiler, gas engine and heat insulation of nuclear power
- Lining of high-temperature reacting and heating equipments in chemical engineering
- Heat insulation of kiln door and cover
- Fireproofing and heat insulation of high building
- Material for high-temperature filtrating



■ 硅酸铝喷吹纤维毯

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℃) 0.16(800℃)	0.09(400℃) 0.16(800℃)	0.09(400℃) 0.16(800℃) 0.20(1000℃)	0.12(600℃) 0.20(1000℃)	0.12(600℃) 0.20(1000℃)	0.16(600℃) 0.20(1000℃)
抗拉强度 MPa (体积密度 128kg/m ³)		0.04	0.04	0.04	0.04	0.04	0.04
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 BLOWING 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℃) 0.16(800℃)	0.09(400℃) 0.16(800℃)	0.09(400℃) 0.16(800℃) 0.20(1000℃)	0.12(600℃) 0.20(1000℃)	0.12(600℃) 0.20(1000℃)	0.16(600℃) 0.20(1000℃)
Tensile strength (MPa) (Density 128kg/m ³)		0.04	0.04	0.04	0.04	0.04	0.04
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					