

Industrial Comercial Chile Ltda.

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FIBRA CERAMICA EN MANTA

Laure ceramic fiber blanket is composed of long,flexible,interwoven fibers manufactured by the "blown" and the "spun" process yielding a strong,lightweight yet durable blanket for applications in a temperature range from 1100° C to 1430° C Ceramic fiber blanket has the heat resistance of a hard refractory with five times better insulation value.

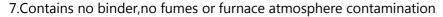
Technical data

Item	Common	Standard	H Pure	H Alumina	Zirconium
AL2O3(%)	44	46	47-50	52-55	39-40
Fe2O3(%)	1.2	1.0	0.2	0.2	0.2
ZrO2(%)	_	_	_	_	15-19
Classification Temperature ($^{\circ}$ C)	1100	1260	1260	1360	1430
Working Temperature (°C)	1000	1050	1100	1200	1350
Density (kg/m3)	96/128	96/128	96/128	128/160	128/160
Permanent linear shrinkage(%)(after24	-4	-3	-3	-3	-3
hours,density 128kg/m3)	(1000°C)	(1000°C)	(1100°C)	(1250°C)	(1350°C)
Tensile strength (Mpa)	0.08-0.12	0.08-0.12	0.08-0.12	0.08-0.12	0.08-0.12
density128kg/m3)					

Features

- 1.Low thermal conductivity
- 2. Very low heat storage
- 3. Very high tensile strength
- 4.Thermal shock resistance
- 5. Sound absorption
- 6.Quick repairs.should lining damage occur,

furnace can be cooled quickly



8. Contains no asbestos

9.No curing or dry out time, lining can be fired to operating temperature immediately





Applications

Ceramic industry

Kiln car insulation and seals

Continuous and batch kilns

Steel industry

Heat treating and annealing furnaces

Furnace door linings and seals

Soaking pit covers and seals

Furnace hot face repairs

Reheating furnace and ladle covers

Refining and petrochemical Reformer and pyrolysis lining

Tube seals, gaskets and expansion joints

Crude oil heater linings

Power generation

Boiler insulation

Boiler doors

Reusable turbine covers

Expansion seals/pipe coverings

Other

Insulation of commercial dryers and ovens

Veneer over existing refractory

Stress relieving insulation

Glass furnace crown protection