

TEKFIBER BOARDS

Tekfiber Boards are ceramic fiber boards made from high purity ceramic fibers, organic and inorganic binders for excellent physical and insulation specifications.

Due to the high technology production, Tekfiber ceramic boards have low thermal conductivity, and good high temperature stability.

They have excellent thermal shock and chemical resistivity.

Because of a good mechanical properties at high temperature, they could be used at industrial furnaces



Advantages

- ✓ Low Thermal storage low thermal conductivity,
- ✓ Excellent compressive strength
- ✓ High tensile strength
- ✓ Excellent thermal shock resistance,
- ✓ Resistance to any chemical, water and steam
- ✓ Excellent wind corrosion resistance
- ✓ Lightweight
- ✓ Long service life

%	TEKFIBER 1260	TEKFIBER 1430
Al ₂ O ₃	47	35
SiO ₂	52	49
ZrO ₂	-	15
Fe ₂ O ₃	0,1-0,2	0,1-0,2
Na ₂ O+K ₂ O	0,3	0,3

	TEKFIBER BOARD 1260	TEKFIBER BOARD 1430
Melting Temperature	1760°C	1800°C
Classification Temperature	1260°C	1430°C
Density kg/m ³	260-450	260-450
Linear Shrinkage (24 hours)	%1,7 (1100°C)	%1,7 (1300°C)
Thermal Conductivity (300 kg/m ³) W/m ² K		
600 °C	0,09	0,12
800 °C	0,14	0,16
1000 °C	0,19	0,23

Applications

- ✓ Furnace and kiln insulation
- ✓ Boiler insulations,
- ✓ Duct and hot pipe insulation
- ✓ Fire protection systems
- ✓ Insulation of roller furnaces
- ✓ Furnace door insulation and sealings
- ✓ Insulation material of steel ladles tundishes and crucibles

Dimensions:

1000x500x : 5, 6, 10, 12, 25, 50 mm
1200x500x : 5, 6, 10, 12, 25, 50 mm
1200x1000x : 5, 6, 10, 12, 25, 50 mm