



DATA SHEET

1260°C CERAMIC FIBRE BLANKET LYGX-212(STD)

DESCRIPTION

The Ceramic Fibre Blanket has excellent thermal stability and thermal shock resistance. It also has excellent elasticity therefore furnace linings have no cracks because of the expansion of ceramic fibre modules. The expansion of ceramic fibre modules can also compensate for the contraction of the fibres so the insulation property is improved. This material has low thermal conductivity, low heat storage and has many diversified methods of fixing.

APPLICATIONS

The Ceramic Fibre Blanket has many applications including furnace lining of every type, industrial furnace and heating equipment, metallurgy, machine construction and materials, petrol and chemical engineering.

SIZES/AVAILABILITY

Size: 7230 x 610 x 25mm
Other sizes available upon request
Thickness: 13mm, 25mm, 50mm

PHYSICAL PROPERTIES

Classification Temp	1260°C
Continuous Use Temp	1000°C
Density	96 or 128kg/m ³
Rate of Liner (%)	-3(1000°C)
Thermal Conductivity (W/m.K)	0.09(400°C) 0.176(800°C) 0.220(1000°C)
Tensile Strength (Mpa)	0.04
Chemical Composition (%)	Al ₂ O ₃ % 46 Al ₂ O ₃ % + SiO ₂ % 97 Fe ₂ O ₃ % <1.0 Na ₂ O % + K ₂ O <0.5
Colour	White
MSDS	Available upon request

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