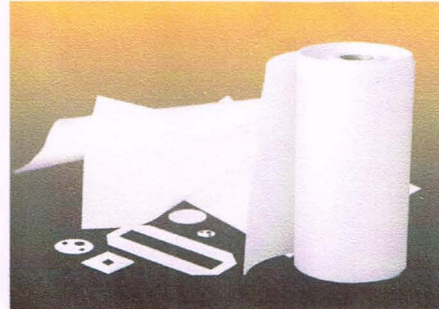


CERAMIC FIBER PAPER

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Blending with high quality alumina-silica fibers and binders, additives, the ceramic fiber paper is proved to be a flexible and uniform sheet in handling heat treatment. Some advantages including low shrinkage, good strength, and low thermal conductivity contribute to the wide applications of the paper. Our paper has a highly uniform structure due to its well-controlled weight and thickness, assuring homogeneous thermal conductivity and a clean, smooth surface, that's the reason why paper can be an ideal for gasket or sealing. Luyangwool[®] ceramic fiber paper is completely free of asbestos and is designed to be an economic replacement for asbestos paper in most applications. Ceramic fiber paper is easy to be handled and cut, its flexibility allows it to be wrapped or rolled for better storage.



Features

- Easily handled and engineered
- Low thermal conductivity
- Good Resilience
- Resistance to thermal shock and flame
- Superior dielectric strength

Typical Applications

- Asbestos paper replacement
- Investment cast mold wrap insulation
- One-time consumable insulating applications
- Back-up lining for metal troughs
- Hot top lining
- Thermal and electrical insulation

Typical Parameters

Description	STD Paper	HT Paper
Chemical Composition (%)		
Al ₂ O ₃	47	48
SiO ₂	52	51
Fe ₂ O ₃	≤0.5	≤0.5
Na ₂ O ₃	≤0.2	≤0.2
Physical Properties		
Density (kg/m ³)	200	250
Classification Temperature (°C)	1260	1350
Maximum operating temperature (°C)	1100	1200
Organics content (%)	≤9	
Color	White	
Loss of Ignition (%)	≤10	
Tensile Strength (Mpa)	≥0.3	

* HT: high temperature

The data shown are average results of tests under standard procedures and are subject to variation. Results should not be used for specification purposes or creating any contractual obligation. For more information on the safety application or materials, please refer to the work practices and material safety data sheet.