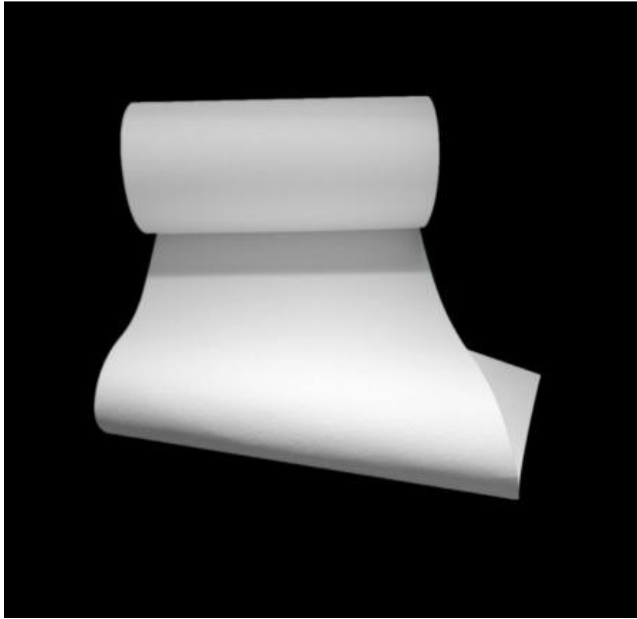


## TECHNICAL DATA SHEET



### Ceramic Fiber Paper

Ceramic Fiber Paper is manufactured from high-grade ceramic fiber formed into flexible sheet. It offers high temperature resistance, very low thermal conductivity, chemical corrosion resistance and thermal shock stability.

Ceramic Fiber Paper can be widely used in the applications where purity, cracking resistance and heat resistance are highly required. It provides excellent heat resistance and thermal insulation in a rather limited space.

**Classification Temperature:** 1050°C, 1260°C, 1360°C, 1400°C, 1430°C

### Features

- High temperature stability
- Low thermal conductivity
- Low heat storage
- Close tolerance with excellent surface finish
- Easy to cut, drill or saw

### Applications

- High temperature gasket
- Ingot mould liner
- Hot top lining
- Heat shield and silencer insulation
- Refractory back up insulation
- Molten metal splash and spark protection

## TECHNICAL DATA SHEET

### Main Properties

Description	STD Paper	HA Paper	HZ Paper
Chemical Composition (%)			
Al <sub>2</sub> O <sub>3</sub>	47	≥52	≥34
SiO <sub>2</sub>	≥52	≥47	≥50
ZrO <sub>2</sub>	-	-	≥15
Fe <sub>2</sub> O <sub>3</sub>	5	≤0.5	≤0.5
Na <sub>2</sub> O		≤0.2	≤0.2
Tensile Strength (MPa)	≥0.3	≥0.3	≥0.3
Water Content (%)	≤2		
Loss of Ignition (%)	≤10		
Organic Content (%)	≤9	≤8	≤8
Density (Kg/M <sup>3</sup> )	190~250		
Product Specifications	Length depending on thickness: <b>CP1/60/STD</b> 60m Roll (610mm and 1220mm Wide) <b>CP2/30/STD</b> 30m Roll (610mm Wide) <b>CP3/20/STD</b> 20m Roll (610mm and 1220mm Wide) <b>CP6/10/STD</b> 10m Roll (610mm Wide)  Custom sizes are indent and are subject to M.O.Q		
Packaging	Plastic bag inside, carton box outside or with specific requirement		
Certificates	ISO9001-2008 ISO14001-2004		

The data shown above is average results of test under standard procedures. There shall be some adjustment in normal mass manufacturing. For more information on the safety application or materials, please refer to the work practices and material safety data sheet.