CERAMIC FIBRE PAPERS

Murugappa Morgan Thermal Ceramics Ltd., Associate company of Murugappa Group

TYPE: Refractory ceramic fibre Paper

Classification temperature:

STD Paper : 1260 ° C
AZS Paper : 1400 ° C

DESCRIPTION

Ceramic firber Papers are manufactured from high purity refractory fibres and designed for high temperature insulation. Advanced production techniques ensure uniform fibre distribution and close control of thickness and density.

Papers are being produced from Alumina silicate fibres with minimum addition of carefully selected Bonds, which burn out cleanly in service.

AVAILABILITY

Standard sizes: 500 mm width X 1000 mm length
1000 mm width X 1000 mm length

FEATURES

- High flexibility
- Good resistance to tearing
- Precise thickness
- Resistance to thermal shock
- Very low thermal conductivity

APPLICATIONS

- Insulating gaskets
- Expansion joints
- Die cut gaskets for domestic appliances
- Gaskets , seals & parting media
- Ladle lining back up
- Mould liners
- Thermal barrier for vehicles(Silencers, catalytic exhaust and heat shields)
- Parting media
- Heat loss reduction in sub entry nozzle

Murugappa Morgan Thermal Ceramics Ltd. Regn No:U26919TN1982PLC009622, Registered Office: Dare House Complex, No 2, NSC Bose Road, Chennai – 600 001. INDIA

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MAIN PROPERTIES

Physical Properties	STD PAPER	AZS PAPER
Classification temperature°C	1260 °C	1400 °C
Chemical composition (%) (IS:12107 / XRF)		
Al_2O_3	> 42	> 32
SiO_2	< 56	< 52
ZrO_2	---	< 19.5
Loss on ignition %	< 10	< 10
Density (Nominal) kg/m^3	150	150
Tensile strength (Kgf/m2) (ENV 1094-7)	9000	9000
Linear shrinkage % - 24 hrs (Max) (ENV 1094-7)	2.0 (At 1100°C)	2.0 (At 1200°C)
Availability & Packaging – 1000 mm width x 1000 mm length		
Thickness (mm)		
2	✓	✓
3	✓	✓
4	✓	✓
5	✓	✓
6	✓	✓
8	✓	✓
10	✓	✓
12	✓	✓

All above products are subjected to standard tolerances. The values given herein are typical values obtained in accordance with accepted test methods and subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Therefore, the data contained herein should not be used for specification purposes.

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