

Moist Felt



Datasheet Code 5-5-01 E

MSDS Code 104-9-EURO REACH

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DESCRIPTION

Moist Felt is supplied in a damp state such that they can be readily cut and molded in any shape or contour. The green strength is sufficient for self support, so that insulation is simple.

Moist Felt is able to withstand physical damage and gas flow erosion in non particulate gas velocities of up to 35m/s

TYPE

Ceramic fiber Blanket strips coated with an inorganic hardening agent

CLASSIFICATION TEMPERATURE 1260°C

- 1) Moist felt
- 2) Moist felt – LC

AVAILABILITY

Standard sizes

12mm Thick X 610 mm width X 915 mm length

FEATURES

- Light weight material
- Easy to cut, sew and shape as desired
- Excellent resistance to gas flow erosion and gas flow velocities
- High green strength

APPLICATIONS

- Hot face linings in furnaces
- Backup insulation and Coil protection in Induction type melting furnaces
- Lining ladles, launders and distribution boxes
- Insulation of steam turbines and ancillary plants
- Combustion chamber insulation
- Pipe insulation

AUTH. CHANNEL PARTNER - VARSHA REFRACTORIES PVT. LTD.

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Moist Felt



MAJOR PROPERTIES

Physical Properties	Moist Felt	Moist Felt LC
Classification temperature °C	1260	1260
Density kg/m ³ (Nominal) - Dry	385	250
Density kg/m ³ (Nominal) - Wet	900	900
Chemical Composition (%)		
Al ₂ O ₃	32 – 47	32 – 47
SiO ₂	44 – 58	44 – 58
ZrO ₂	≤ 19	≤ 19
Shelf life	6 Months from date of manufacturing	6 Months from date of manufacturing
Availability and Packing (Length up to 2400 mm)		
6	X	X
12	X	X
25	X	X

The values given herein are typical values obtained in accordance with accepted test methods and are 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. Check with your Thermal Ceramics office to obtain current information.

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