

TECHNICAL DATA SHEET

**CÓPIA NÃO
CONTROLADA**

**Code: 6103
Revision: 00
Date: 07/06**

PRODUCT: CERAMIC FIBER MODULE HTZ

Description: Nutec Ibar modules have the highest insulating value achievable in ceramic fiber. Each module is a continuous folded blanket, U-loop and stackbond type all under compression.

Mean Application:

Ceramic Industry

- Low mass kiln cars.
- Continuous and batch kilns.
- Door linings and Glazing, porcelain furnace linings.

Power Generation

- Duct lining.
- Heat recovery steam system.
- Boiler insulation and Stack linings.

Refining and Petrochemical

- Ethylene furnace roof and walls.
- Pyrolysis furnace lining.
- Reformer furnace roof and walls
- Boiler linings.

Steel Industry

- Ladle preheaters and covers.
- Heat treat furnace.
- Soaking pit covers and seals.
- Furnace hot face repairs and heaters and reformer lining.

Others

- Insulation of commercial dryers and ovens.

Packaging: Paper box or wood pallets.

Identification: Label with product name, dimension, quantity, lot number, fabrication date.

Storage Life: Without limit (if properly stored)

Chemical Analysis

Al ₂ O ₃	SiO ₂	ZrO ₂	Fe ₂ O ₃	TiO ₂
33-37	47-51	13-19	0,1-0,2	0,1-0,2

Typical Physical Properties

-Maximum use limit (°C) 1425

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-Continuous use limit	(°C)	1325
-Density	(Kg/m ³)	128; 160
		192; 224
-Linear Shrinkage 1300 °C x 24 h.....	(%)	2,0
-Dimension (Standard)*		
Length.....	305 and 610 (mm)	
Width	305 and 610 (mm)	
Thickness.....	100 to 305 (mm)	

Note: * Special dimension under consult.