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## TECHNICAL DATA SHEET

**CÓPIA NÃO  
CONTROLADA**

**Code: 6106  
Revision: 00  
Date: 07/06**

### PRODUCT: CERAMIC FIBER MODULE JUMBO HTZ

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**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.
- Stress relieving insulation.
- Fire protection.

**Packaging:** Wood pallets.

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

**Storage Life:** Without limit (if properly stored)

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#### Chemical Analysis

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

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#### Typical Physical Properties

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-Maximum use limit .....	(°C)	1425
-Continuous use limit .....	(°C)	1325
-Density .....	(Kg/m <sup>3</sup> )	128; 160 192; 224