Monomax™ Modules

Product Data Sheet

Product Description

Monomax is a blanket module system that is custom designed using Morgan Blanket portfolio. Designed to your application needs, Ther Monomax module is a unique blanket module system for very high temperature environment.

Monomax Modules are wet processed allowing for higher density and higher compression without the use of mechanical mechanisms, like jacks or presses.

When properly installed, Monomax can be used to a continuous operating temperature of 1482°C (2700°F).

Features

- Flexible, resilient and pre-compressed module
- Reduced shrinkage compared to layered lining
- Versatile and be easily cut on the site to suit
- awkward configurations

Applications

- Ladle covers
- Forging furnace roofs, walls and doors
- Reheat furnace roofs

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Thermal Ceramics is a business of Morgan Advanced Materials

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Properties	Monomax Module
Construction of Monomax Module	Stacked
Region of Manufacture	Asia
Colour	white
Continuous Use Temperature, °C (°F)	1482 (2700)
Density, kg/m³ (pcf), EN 1094-1 (2008)	96 (6)
Specific heat capacity, kJ/kg.K, 1000°C	1.13
Chemical Analysis, %	
Alumina, Al_2O_3	46 - 51
Silica, SiO_2	48 - 52
Thermal Conductivity, W/m•K, ASTM C201	Material Choice Dependent

Product Availability

Monomax Modules are currently manufactured in Asia. Please contact your regional Morgan Advanced Materials - Thermal Ceramics representative to support providing specific packaging availability for your local business needs.

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