

FINEFLEX BIO™ Mold

FINEFLEX BIO™ Mold is a product made by adding organic and inorganic binders to FINEFLEX BIO™ Bulk and molding it into various shapes by suction molding.

TOMBO™ No.5645-M is a low odor type to which small amounts of organic binder are added. TOMBO™ No.5645-A is a general-purpose type with excellent workability.

► Features

- Exhibits an excellent thermal insulating effect due to its light weight and low thermal conductivity.
- Can be vacuum molded into a variety of shapes and thickness.
- Easy to process by grinding, cutting, etc.

► Applications

- Standard high-temperature insulating material
- Internal insulation for compact electric furnaces
- Aluminum tap holes and stopper covers
- Other thermal insulation materials and backup materials

► Quality Characteristics

Item	TOMBO™ No.	
	5645 -M	5645 -A
Features	Low odor type	Excellent workability
Color	White	
Density (kg/m ³)	250	
Max. heatproof temp. (°C)	1300	
Normal usage temperature (°C)	1000	
Ignition loss (%)	0.7	4.0
Chemical composition	SiO ₂ , CaO, MgO, Other	

* The above figures are actual measurements made by Nichias and not standard values.

* Please ask us about shapes.

* Depending on usage environment, deformation or cracking may occur at temperatures over 1100°C.
Please inform us of your usage conditions when ordering.



Internal insulation for compact electric furnaces

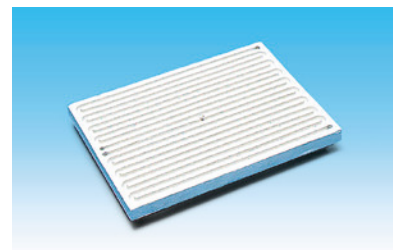
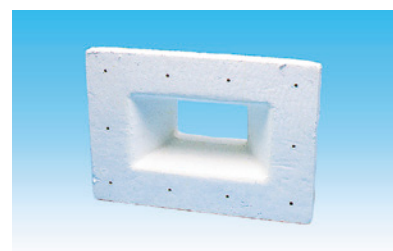


Plate heater



Inspection window

* TOMBO is a registered trademark or trademark of Nichias Corporation.
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