

# 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

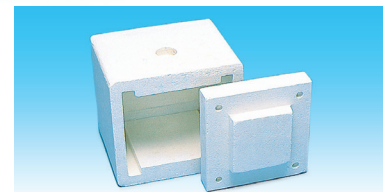
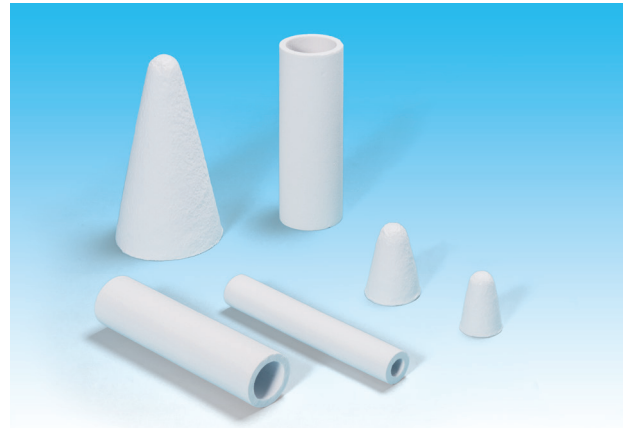
Item	TOMBO No.	
	5645 -M	5645 -A
Features	Low odor type	Excellent workability
Color	White	
Density (kg/m <sup>3</sup> )	250	
Max. heatproof temp. (°C)	1300	
Normal usage temperature (°C)	1000	
Ignition loss (%) (600°C × 30min)	0.7	4.0
Chemical composition	SiO <sub>2</sub> , CaO, MgO, Other	

\* 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

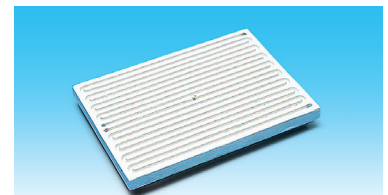
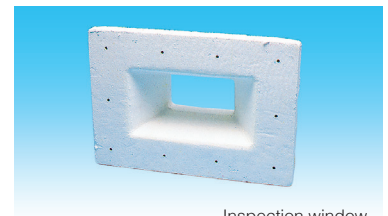


Plate heater



Inspection window

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### ⚠ Cautions

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- Because the stated material values may vary according to actual usage environments or circumstances, please consider such figures as indications for reference.
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