

FINEFLEX BIO™

FINEFLEX BIO™ Cast는 FINEFLEX BIO™ Bulk, 무기바인더 등을 습식 블렌딩한 페이스트 형태의 단일체 내화물입니다. 연질 혼련재이기 때문에 특수한 형상으로 가공이 가능하고 사용이 용이한 보수재입니다.

Types

TOMBO™ No.5675-400

표준Type의 범용품

TOMBO™ No.5675-700

고밀도Type의 범용품

TOMBO™ No.5675-400P

펌프, Spray 공법에 적용가능.

용도

- 강철 가열로용 스킷 파이프 호스트 부품
- 주조용 가열로의 천정 및 측벽
- 유리탱크가마 축열옥외벽 Sealing
- 버너 타일 및 롤러 타일
- 기존 내화재 보수



품질특성

Item	TOMBO™ No.			
	5675-400	5675-700	5675-400P	
Applications	General-purpose product (standard type)	General-purpose product (high-density type)	For pump construction	
Color	White – light color			
Density (kg/m³)	Normal state (before drying)	1160	1320	1160
	105 °C (after drying)	450	750	480
Max. heatproof temp. (°C)	1300			
Bending strength (MPa)	105 °C (after drying)	0.5	0.9	0.8
	1200 °C ×24h	0.4	0.8	0.4
Coefficient of thermal contraction (%)	1200 °C ×24h	2.0		
Thermal conductivity [w/(m·K)]	600 °C	0.19	0.20	0.22

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

* Thermal conductivity varies according to the state of construction.

Packaging/Packing

TOMBO™ No.	Packaging/Packing	
5675-400	2kg per can	15kg per can
5675-700	2kg per can	20kg per can
5675-400P	15kg per can 330cc per cartridge	300cc per polyethylene bag 1000cc per polyethylene bag

* FINEFLEX BIO™ Cast is packed into polyethylene bags and inserted into cans.

* The shelf life is six months in an unopened state within an internal cold and dark room at 4°C or more.

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



<http://www.nichias.co.jp/>

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