

## Characteristics

KMO 4005 is a light earthenware body. It is suitable for plastic forming methods, f.e. stove tiles.

Available as plastic body.

Chamotte proportion: 40 %, chamotte size range: 0 - 0.5 mm

Firing Colour	white - cream
Recommended Firing Temperature Range	1000 - 1150 °C

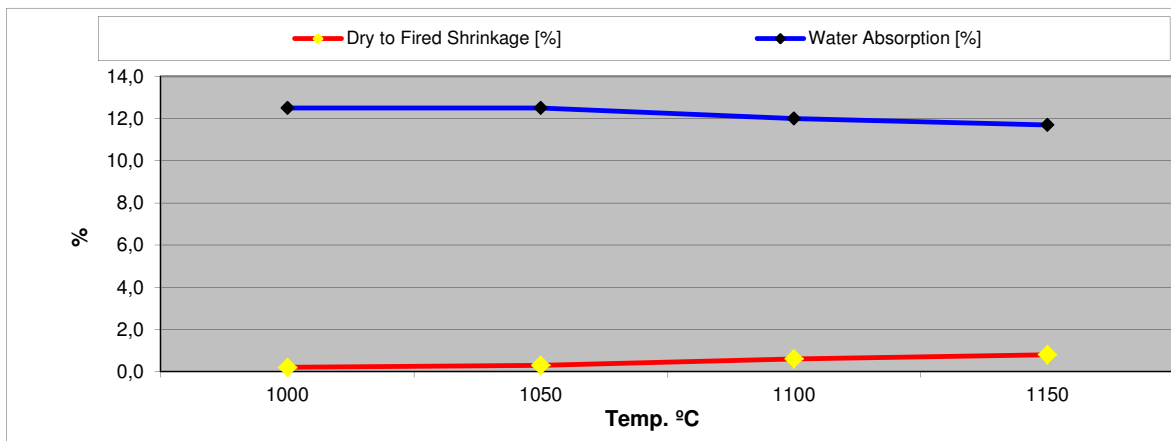
## Technical Data

Unfired

Moisture	16,5%	plastic						
Chemical Analysis	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	K <sub>2</sub> O	Na <sub>2</sub> O
	70,5%	1,30%	20,5%	0,90%	3,00%	1,00%	2,50%	0,30%
Loss of Ignition	6,0%							
Wet to Dry Shrinkage	3,5%	plastic properties						

Fired

Specimen Firing Temperature [°C]	1040	
Coefficient of Thermal Expansion [x10-6/°C]		
	20 - 400 °C	6,6
	20 - 500 °C	6,9
	20 - 600 °C	8,1
Dry to Fired Shrinkage [%]	0,5	
Water Absorption [%]	13,0	



Amtsgericht Montabaur HRB 1581, Sitz der Gesellschaft 56235 Ransbach-Baumbach

Sibelco Deutschland GmbH  
 Sälzerstraße 20, 56235 Ransbach-Baumbach, Germany  
 Tel. +49 (0) 2623 83-0, Fax +49 (0) 2623 83-1499  
 Geschäftsführer Michael Klaas  
[www.sibelco.eu](http://www.sibelco.eu)

The technical data quoted on this sheet is indicative only. Any sale is by sample and is governed by our general conditions of sale.



## KERAMISCHE MASSEN

Sibelco Deutschland GmbH  
Sälzerstraße 20  
56235 Ransbach-Baumbach  
DEUTSCHLAND

Tel.: +49 2623 8828-0

Fax: +49 2623 8828-92

E-Mail: [kontakt@sibelco.de](mailto:kontakt@sibelco.de)

27.03.2015



Amtsgericht Montabaur HRB 1581, Sitz der Gesellschaft 56235 Ransbach-Baumbach

Sibelco Deutschland GmbH  
Sälzerstraße 20, 56235 Ransbach-Baumbach, Germany  
Tel. +49 (0) 2623 83-0, Fax +49 (0) 2623 83-1499  
Geschäftsführer Michael Klaas  
[www.sibelco.eu](http://www.sibelco.eu)