

**Characteristics**

111 / ff is a clay suitable for various ceramic applications; especially refractory industry.  
Available as powder.

Firing Colour	white -cream - light grey
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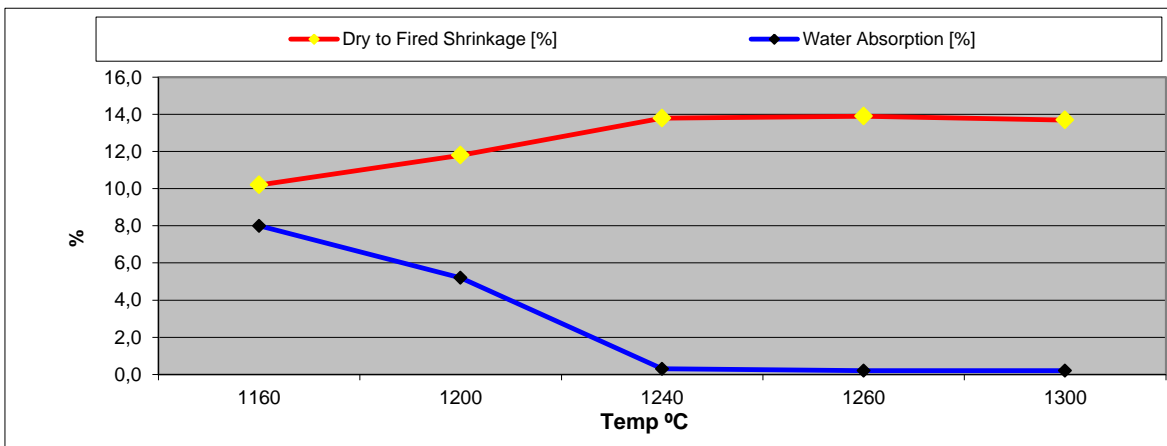
**Technical Data**

Unfired

Moisture	0.8% powder							
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
	58,5%	1,38%	37,1%	1,18%	0,20%	0,26%	1,36%	0,01%
Loss of Ignition	11,4%							
Wet to Dry Shrinkage	6,2% plastic without vacuum							

Fired

Specimen Firing Temperature [°C]	1040
Coefficient of Thermal Expansion [x10-6/°C]	
	20 - 400 °C 3,9
	20 - 500 °C 4,3
	20 - 600 °C 5,1
Dry to Fired Shrinkage [%]	
Water Absorption [%]	



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

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)**

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Sälzerstraße 20, 56235 Ransbach-Baumbach, Germany  
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[www.sibelco.eu](http://www.sibelco.eu)