

## Characteristics

K 118 is a stoneware body. It is suitable for plastic forming methods.

Available as plastic body.

Chamotte proportion: 20 %, chamotte size range: 0 - 0.2 mm

Firing Colour	cream
Recommended Firing Temperature Range	1000 - 1280 °C

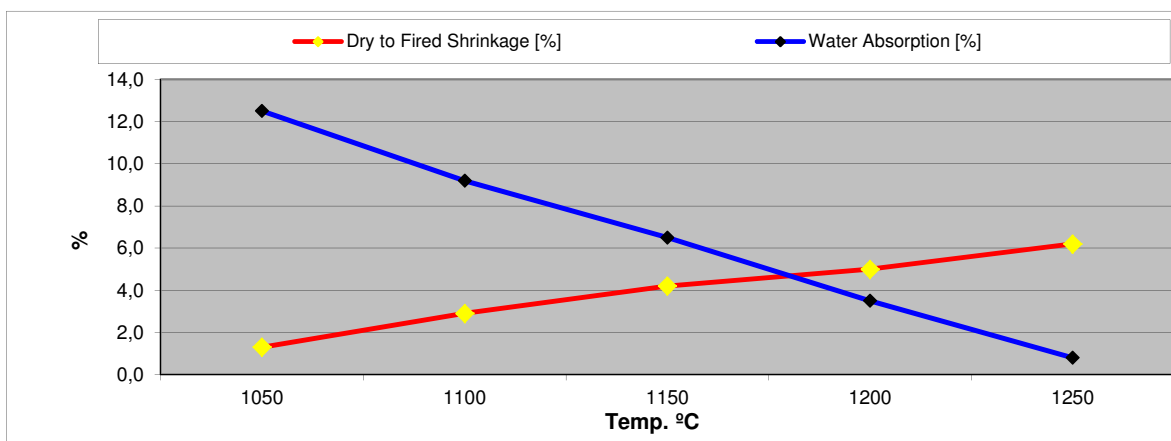
## Technical Data

Unfired

Moisture	18,0%	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
	76,0%	1,25%	18,5%	0,80%	0,30%	0,30%	2,50%	0,50%
Loss of Ignition	4,0%							
Wet to Dry Shrinkage	5,5%	plastic properties						

Fired

Specimen Firing Temperature [°C]	1200	
Coefficient of Thermal Expansion [x10 <sup>-6</sup> /°C]		
	20 - 400 °C	6,8
	20 - 500 °C	7,1
	20 - 600 °C	8,4
Dry to Fired Shrinkage [%]	5,5	
Water Absorption [%]	3,0	



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)

30.03.2015



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)