

## Characteristics

Flameproof / Schw is a ceramic body suitable for plastic forming methods. Excellent characteristics in thermal shock resistance.

Optimum firing range: 1150 - 1180 °C ( glaze firing )

Available as plastic body.

Firing Colour	black
Recommended Firing Temperature Range	1000 - 1180 °C

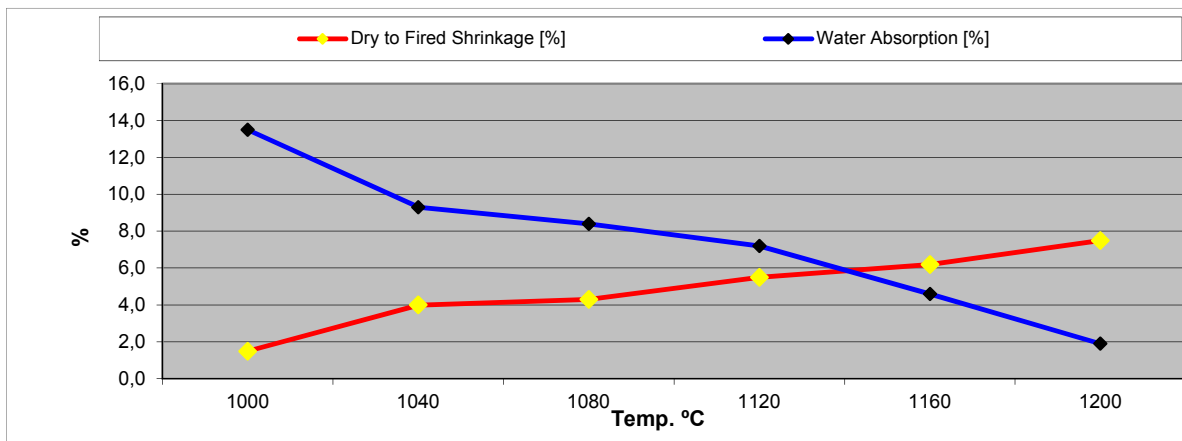
## Technical Data

Unfired

Moisture	18,5% 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
	69,1%	0,50%	24,0%	4,70%	0,20%	0,10%	1,00%	0,40%
Loss of Ignition	5,5%							
Wet to Dry Shrinkage	5,0% plastic							

Fired

Specimen Firing Temperature [°C]	1040	1150	1200
Coefficient of Thermal Expansion [x10-6/°C]			
	20 - 400 °C	2,0	
	20 - 500 °C	2,0	
	20 - 600 °C	2,2	
Dry to Fired Shrinkage [%]	4,0	4,0	7,5
Water Absorption [%]	9,3	7,5	1,8



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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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)