

Characteristics

S 4015 is a stoneware body. It is suitable for plastic forming methods.

Available as plastic body.

Chamotte proportion: 40 %, chamotte size range: 0 - 1.5 mm

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

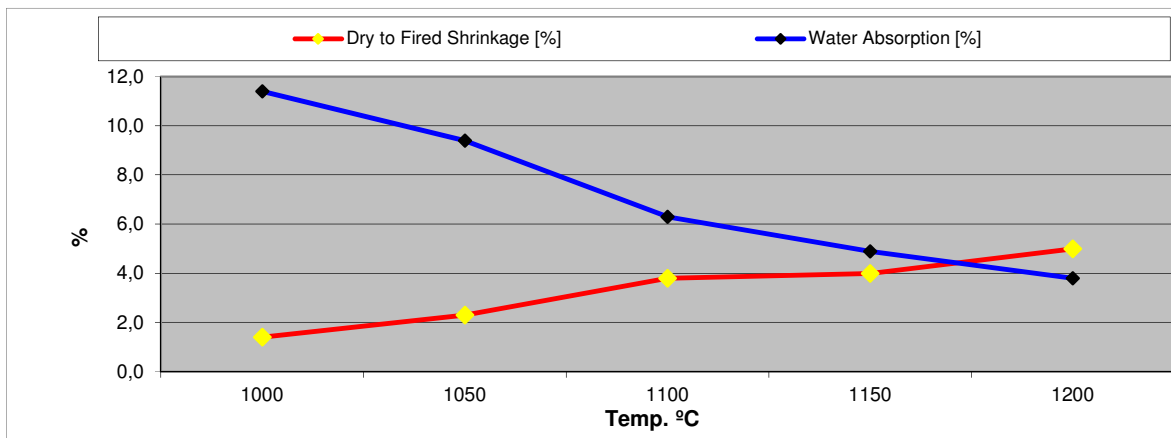
Technical Data

Unfired

Moisture	18,5% plastic								
Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O	Mn
	69,0%	1,25%	20,5%	5,50%	0,30%	0,50%	2,40%	0,20%	1,2%
Loss of Ignition	4,5%								
Wet to Dry Shrinkage	5,0% plastic properties								

Fired

Specimen Firing Temperature [°C]	1100	
Coefficient of Thermal Expansion [x10-6/°C]		
	20 - 400 °C	6,7
	20 - 500 °C	7,1
	20 - 600 °C	8,1
Dry to Fired Shrinkage [%]	4,5	
Water Absorption [%]	6,5	



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

21.07.2015



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