

Characteristics

K 3005 is a stoneware body. It is suitable for plastic forming methods (especially for big items).

Cork colour: appr. 1200 °C

Available as plastic body: PB K 3005 BO

Chamotte proportion: 30 %, Chamotte grain - size range: 0 – 0, mm (black chamotte)

Firing Colour	pinkish - cork		
Recommended Firing Temperature Range	1000	-	1200 °C

Technical Data (typical values)

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
	69,5%	1,40%	19,8%	5,80%	0,20%	0,40%	2,20%	0,20%

Loss of Ignition 5,0%

Wet to Dry Shrinkage 6,5% plastic properties

Fired

Specimen Firing Temperature [°C] 1040

Coefficient of Thermal Expansion [x10⁻⁶/°C]

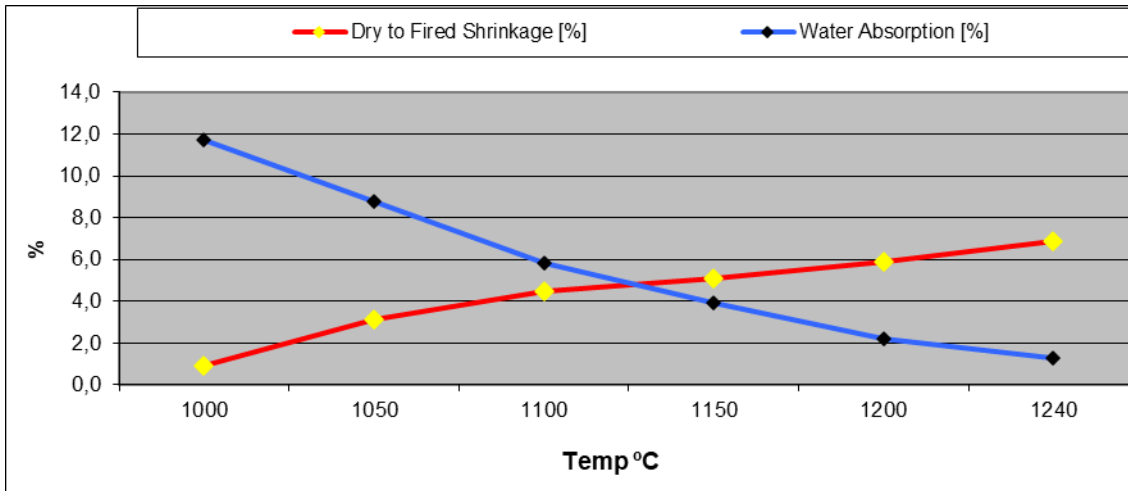
20 - 400 °C 5,9

20 - 500 °C 6,3

20 - 600 °C 7,7

Dry to Fired Shrinkage [%] 1,0

Water Absorption [%] 10,0



For Product Information & Customer Service

Tel: +49 (0)2623 968-2000
 Email: Ceramics@sibelco.com
 Website: ceramicsbodies.sibelcotools.com/

The technical data presented here is for marketing purposes only and is not contractually binding, the data herein is determined using Sibelco standard test methods. Since the product is based upon a naturally occurring material, we reserve the right to change this data when necessary. Safety information accompanying this product is available in the form of an SDS. All sales are undertaken strictly in accordance with our "General Conditions of Sale", available upon request, or by a written sales agreement duly signed by us.