

## Characteristics

K 3020 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 3020 BO

Chamotte proportion: 30 %, Chamotte grain - size range: 0.5 - 2.0 mm ( black chamotte )

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

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## Technical Data (typical values)

### Unfired

Moisture 19,0% 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
	69,0%	1,30%	20,5%	6,00%	0,20%	0,40%	2,20%	0,20%

Loss of Ignition 4,8%

Wet to Dry Shrinkage 5,0% plastic properties

### Fired

Specimen Firing Temperature [°C] 1040

Coefficient of Thermal Expansion [x10<sup>-6</sup>/°C]

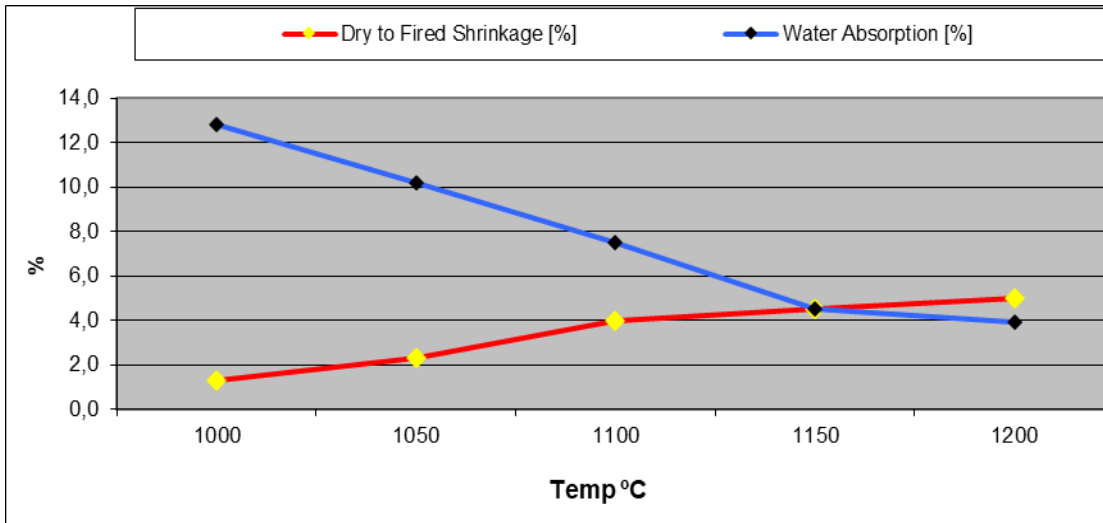
20 - 400 °C 6,3

20 - 500 °C 6,6

20 - 600 °C 8,4

Dry to Fired Shrinkage [%] 2,5

Water Absorption [%] 12,0



## For Product Information & Customer Service

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