

Characteristics

K 3010 is a stoneware body. It is suitable for plastic forming methods (especially for big items).

Cork colour: appr. 1040 °C

Available as plastic body: PB K 3010 BO.

Chamotte proportion: 30 %, Chamotte grain - size range: 0 – 1.0 mm (black chamotte)

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

Technical Data (typical values)

Unfired

Moisture 20,5% plastic

Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O
	69,0%	1,30%	20,5%	6,00%	0,20%	0,40%	2,30%	0,20%

Loss of Ignition 4,8%

Wet to Dry Shrinkage 5,5% plastic properties

Fired

Specimen Firing Temperature [°C] 1040

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

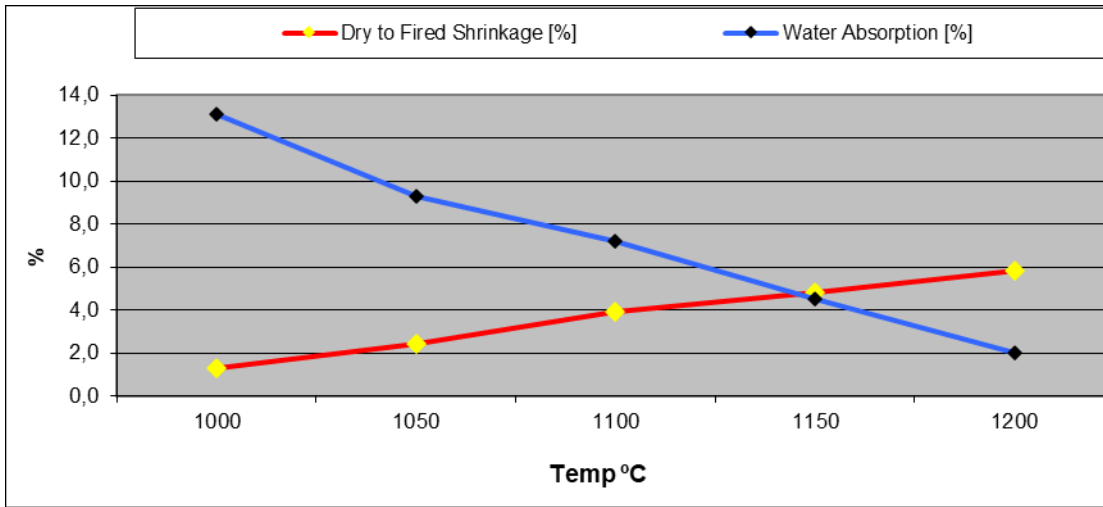
20 - 400 °C 6,1

20 - 500 °C 6,4

20 - 600 °C 7,7

Dry to Fired Shrinkage [%] 1,3

Water Absorption [%] 10,5



For Product Information & Customer Service

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