

Characteristics

Nigra 2002 is a stoneware body. It is suitable for plastic forming methods.

Available as plastic body: PB Nigra 2002 BO

Chamotte proportion: 20 %, chamotte size range: 0 - 0,2 mm (black chamotte)

Firing Colour	black
Recommended Firing Temperature Range	1000 - 1240 °C

Technical Data (typical values)

Unfired

Moisture 20,0% plastic

Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O	Mn
	65,5%	1,10%	21,5%	8,90%	0,30%	0,80%	1,80%	0,10%	0,4%

Loss of Ignition 5,0%

Wet to Dry Shrinkage 5,5% plastic properties

Fired

Specimen Firing Temperature [°C] 1200

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

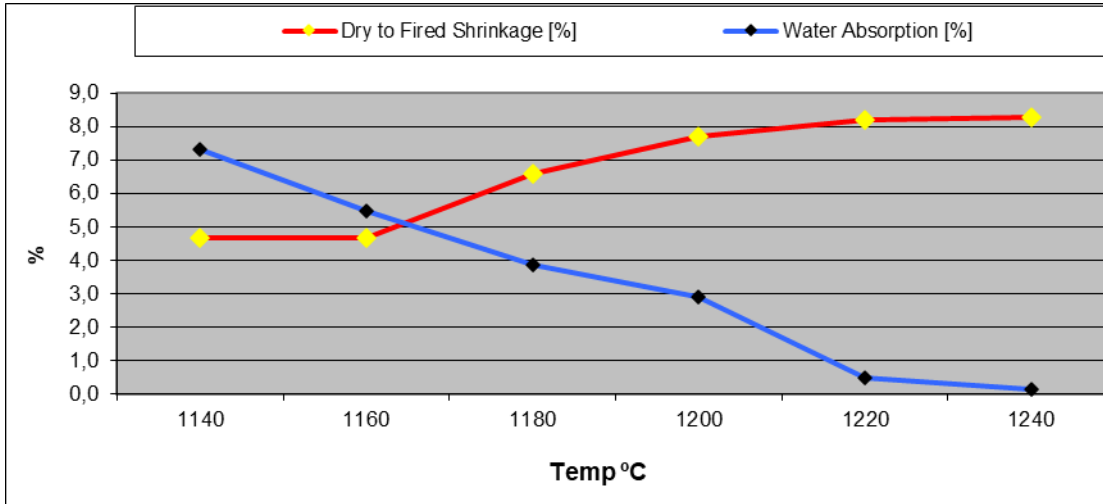
20 - 400 °C 6,8

20 - 500 °C 7,2

20 - 600 °C 8,1

Dry to Fired Shrinkage [%] 7,5

Water Absorption [%] 3,0



For Product Information & Customer Service

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