

## Characteristics

Nigra 2005 is a stoneware body. It is suitable for plastic forming methods.  
 Available as plastic body.  
 Chamotte proportion: 20 %, chamotte size range: 0 - 0,5 mm ( black chamotte )

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

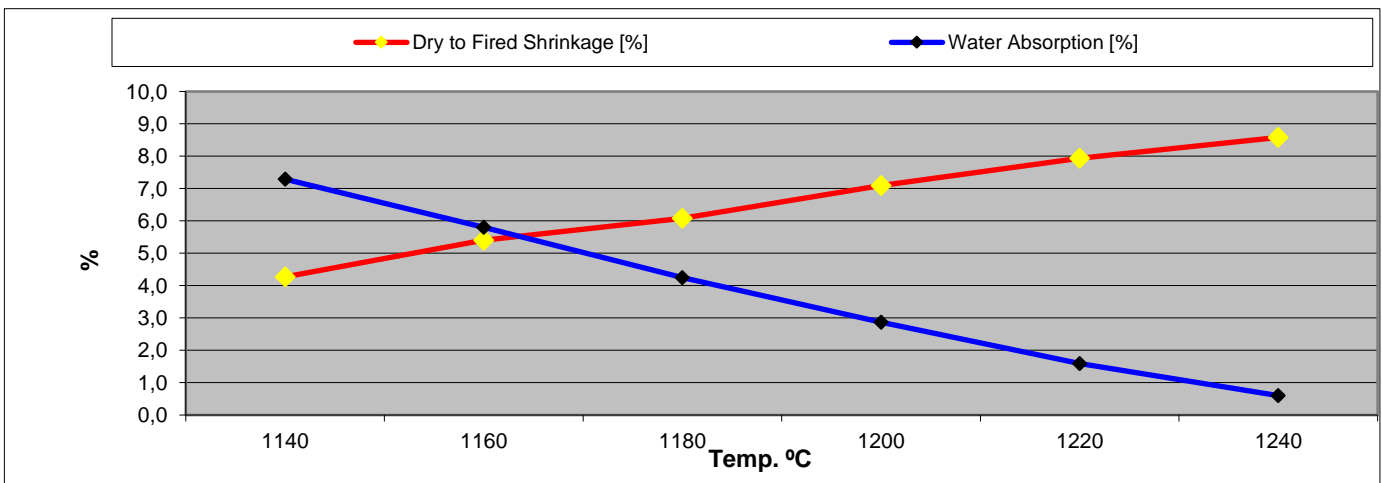
## Technical Data

### Unfired

Moisture	20,0%	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	Mn
	65,7%	1,10%	20,8%	9,50%	0,30%	0,90%	1,60%	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 <sup>-6</sup> /°C]		
	20 - 400 °C	6,8
	20 - 500 °C	7,2
	20 - 600 °C	8,2
Dry to Fired Shrinkage [%]	7,6	
Water Absorption [%]	2,6	



The technical data quoted on this sheet is indicative only. Any sale is by sample and is governed by our general conditions of sale.



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