

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 |

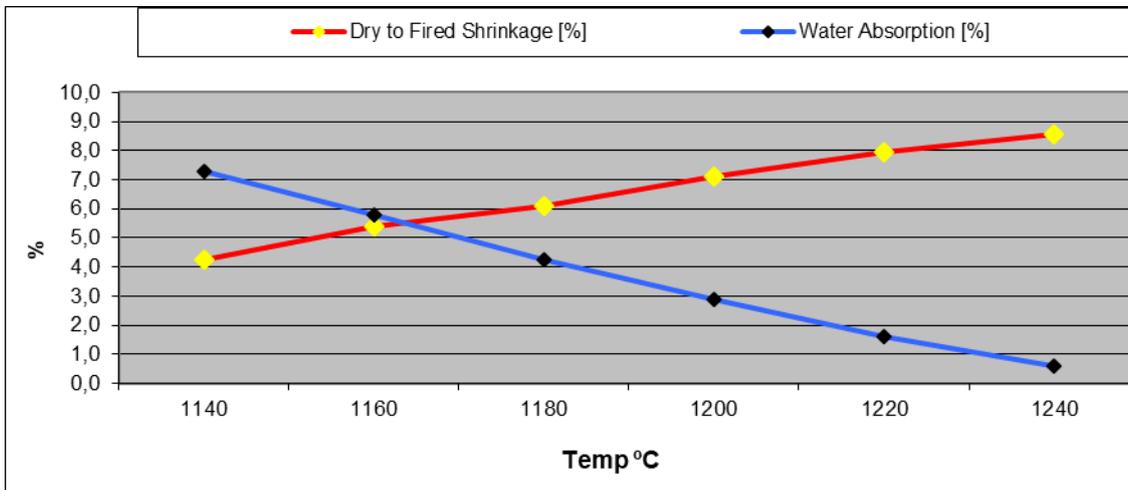
Technical Data (typical values)

Unfired

| | | |
|----------------------|--|--------------------|
| Moisture | 20,0% | plastic |
| Chemical Analysis | SiO ₂ 65,7% TiO ₂ 1,10% Al ₂ O ₃ 20,8% Fe ₂ O ₃ 9,50% CaO 0,30% MgO 0,90% K ₂ O 1,60% Na ₂ O 0,10% Mn 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 | 8,2 |
| Dry to Fired Shrinkage [%] | 7,6 |
| Water Absorption [%] | 3,0 |



For Product Information & Customer Service

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