

Sculptural Stoneware RTM5015

Characteristics

RTM 5015 is a stoneware modelling body, particularly used for building up of big sculptures. Good characteristics in drying and firing resistance, because of the high chamotte proportion.

Chamotte proportion: 50 %, chamotte size range: 0 - 1.5 mm

| | | |
|--------------------------------------|-----------------------|---------|
| Firing Colour | rose - yellow - green | |
| Recommended Firing Temperature Range | 1000 | 1280 °C |

Technical Data

Unfired

| | | | | | | | | |
|----------------------|-------------------------|------------------|--------------------------------|--------------------------------|-------|-------|------------------|-------------------|
| Moisture | 19,0% plastic | | | | | | | |
| Chemical Analysis | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | CaO | MgO | K ₂ O | Na ₂ O |
| | 71,5% | 1,50% | 22,2% | 1,60% | 0,20% | 0,40% | 2,40% | 0,20% |
| Loss of Ignition | 4,0% | | | | | | | |
| Wet to Dry Shrinkage | 4,5% plastic properties | | | | | | | |

Fired

| | |
|--|------|
| Specimen Firing Temperature [°C] | 1200 |
| Coefficient of Thermal Expansion [x10 ⁻⁶ /°C] | |
| 20 - 400 °C | 5,9 |
| 20 - 500 °C | 6,3 |
| 20 - 600 °C | 7,5 |
| Dry to Fired Shrinkage [%] | 3,5 |
| Water Absorption [%] | 6,0 |

