



SIO-2 - BLACK ICE PORCELAIN CLAY

BLACK ICE is a black porcelain characterized by a beautiful graphite black color.

- It is highly plastic, making it suitable for working on the wheel and for modeling.
- Its formula is very stable and allows for a safe firing range between 1200 and 1240°C (oxidizing atmosphere).
- It is suitable for the production of food-safe objects, according to ISO 6486 standard.
- It is available in extruded plastic paste and is presented in a practical cylindrical format of 5 kg with double packaging.

Technical specifications

- Firing temperature: 1200-1240°C
- Biscuit temperature: 1000°C
- Humidity: 20%
- Plasticity (Atterberg IP): 11
- Calcimetry (CaCO₃): 0%
- Shrinkage during the drying process: 5.4%
- Shrinkage during firing (1220°C): 10.3%
- Porosity (water absorption at 1220°C): 0.0%
- Dry mechanical strength: 3.1 N/mm²
- Mechanical strength after firing (1220°C): 39.8 N/mm²
- Coefficient of expansion (25-500°C): $54.3 \times 10^{-7} \text{ } ^\circ\text{C}^{-1}$

Color / Size

5 KG

Black

55223