



SIO-2 - UPSALA BLUE PORCELAIN CLAY

UPSALA is a blue ceramic that stands out for its exclusive cobalt blue color.

- It has high plasticity, making it ideal for turning and 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 tableware (food-safe), according to ISO 6486 standard.
- Available in extruded plastic paste format.
- Presented in a convenient cylindrical 5 kg package with double packaging.

Technical specifications:

- Firing temperature: 1200-1240°C
- Biscuit temperature: 1000°C
- Humidity: 21%
- Plasticity (IP Atterberg): 11
- Calcimetry (CaCO₃): 0%
- Shrinkage during drying: 5.2%
- Shrinkage during firing (1220°C): 10.4%
- Porosity (water absorption 1220°C): 0.0%
- Dry mechanical strength: 3.3 N/mm²
- Fired mechanical strength (1220°C): 47.2 N/mm²
- Coefficient of expansion (25-500°C): $58.3 \times 10^{-7} \text{ } ^\circ\text{C}^{-1}$

Color / Size

5 KG

Blue

55224