



SIO-2 - TOFFEE STONEWARE CLAY CARMEL 0-0.2 MM CHAMOTTE

Caramel-colored refractory stoneware clay with 40% impalpable chamotte (0-0.2 mm).

- Designed for artistic ceramics, it is ideal for turning and modeling pieces with fine details and a smooth surface.
- Thanks to the high chamotte content, it has excellent performance during drying and firing.
- Depending on the firing temperature, it develops a beautiful range of natural shades, from beige to oatmeal to caramel brown, creating a warm base highly appreciated in ceramic decoration.
- Suitable for making food-safe tableware according to ISO 6486 standards.
- Supplied in extruded plastic consistency.

Technical characteristics:

- Firing temperature: 1200-1300°C
- Biscuit firing temperature: 1000°C
- Moisture: 19%
- Plasticity (Atterberg IP): 13
- Lime content (CaCO₃): 0%
- Shrinkage during drying: 6.2%
- Shrinkage during firing (1300°C): 5.6%
- Porosity (water absorption at 1300°C): 0.1%
- Dry mechanical strength: 3.5 N/mm²
- Fired mechanical strength (1300°C): 45.5 N/mm²
- Coefficient of expansion (25-500°C): 50.8x10⁻⁷°C⁻¹.

Color / Size

12,5 KG

Brown

55216