



## SIO-2 - PRGI STONEWARE CLAY BROWN 0-0.2 MM CHAMOTTE

The "Gris" stoneware clay, with 40% of impalpable chamotte 0-0.2 mm, has been designed for artistic ceramics and is ideal for turning and shaping pieces with fine details and a smooth surface. Its name "Gris" comes from the raw color. The high chamotte content gives character to the ceramic piece and improves its behavior during drying and firing. During firing, the PRG range takes on a particular bright toasted brown color, very popular and appreciated, with shades that enhance the relief, making it an ideal artistic expressive medium. It is suitable for the production of food-safe vases, according to ISO 6486. Available in plastic paste form. **Technical**

### specifications:

- Firing temperature: 1240-1300°C
- Biscuit temperature: 1000°C
- Humidity: 21%
- Plasticity (IP Atterberg): 19
- Calcimetry (CaCO<sub>3</sub>): 0%
- Shrinkage during drying: 6.9%
- Shrinkage during firing (1300°C): 7.1%
- Porosity (water absorption at 1300°C): 3.7%
- Dry mechanical strength: 4.5 N/mm<sup>2</sup>
- Fired mechanical strength (1300°C): 37.7 N/mm<sup>2</sup>
- Coefficient of expansion (25-500°C):  $50.7 \times 10^{-7} \text{ } ^\circ\text{C}^{-1}$

**Color / Size**

**12,5 KG**

**Brown**

55210