

# SIO-2® PF – Red Earthenware Clay

## WHY CHOOSE SIO-2® PF CLAY?

This low firing clay has a distinctive red color and texture. Its high plasticity makes it a great choice for potters who want to create pieces with intricate designs and details.

## IS SIO-2® PF CLAY MICROWAVE SAFE?

PF clay should be microwave safe if it was covered in a non-porous glaze (however to ensure the longevity of your objects, it's always better to avoid using them in the microwave or dishwasher).

## IS SIO-2® PF SUITABLE FOR TABLEWARE?

Yes. PF clay bodies are food-safe according to ISO 6486:1999 standards.

## GLAZE

### RECOMMENDATIONS

SIO-2® PF clay is highly versatile and can be glazed with any standard glaze, in both single and twice firing processes.



PF Naharro



PF Ceramiques Sedo



SIO-2® PF is a red earthenware clay that is prized for its fine quality and plasticity. It can be used for a variety of applications including wheel-throwing, modelling, and shaping.

It is a traditional and highly versatile clay that has ideal coefficients of thermal expansion, which make it suitable for use with standard pottery glazes.

SIO-2® PF Clay has a shrinkage rate of just 5.5%, allowing for precise control over the size and shape of your pieces.

This clay can produce amazing results using the metallic reflection technique in a reduced oxygen atmosphere. Its smooth texture and rich color make it a joy to work with, and its low firing range makes it accessible to artists of all skill levels.



**Firing range: Cone 06-04 (1155°-1971°F)**

**Water content: 22%**

**Plasticity (IP Atterberg): 17**

**Carbonate content (CaCO<sub>3</sub>): 10%**

**Drying shrinkage: 5.5%**

**Firing shrinkage at Cone 06: 0.6%**

**Porosity (water absorption) at Cone 06: 13.5%**

**Dry bending strength: 6.6 N/mm<sup>2</sup>**

**Fired bending strength at Cone 06: 27.9 N/mm<sup>2</sup>**

**Thermal coefficient (a25-500°C):**

**77.7x10<sup>-7</sup>°C<sup>-1</sup>**



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