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## Technical Data Sheet

### **PF Red Earthenware** Low-Fire Clay

#### **Technical Data**

Firing Range:	Cone 06-04
Biscuit Temperature:	-
Water Content:	22%
Plasticity (IP Atterberg):	17
Carbonate Content (CaCO3):	10%
Drying Shrinkage:	5.5%
Firing Shrinkage (1250°C):	0.6%
Porosity (1250°C):	13.5%
Dry Bending Strength:	6.6 N/mm <sup>2</sup>
Fired Bending Strength (1250°C):	27.9 N/mm <sup>2</sup>
Thermal Coefficient (1250°C):	77.7x10 <sup>-7°</sup> C <sup>-1</sup>

# Features

Not Suitable For Tableware Compatible With Most Standard Glazes (Test firing recommended) SIO-2<sup>®</sup> PF is a red earthenware clay renowned for its high quality and plasticity. It is versatile and suitable for a wide range of applications, including wheel-throwing, modeling, and shaping.

This traditional clay features ideal coefficients of thermal expansion, making it compatible with standard pottery glazes.

SIO-2<sup>®</sup> PF delivers stunning results when utilizing the metallic reflection technique in a reduced oxygen atmosphere. Its smooth texture and rich color enhance the crafting experience, while its low firing range makes it accessible to artists of all skill levels.

#### **Available Packaging**

Full-Size 27.6 lbs **Sample-Size** 4 lbs

