



Clay & Pottery Supplies
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Technical Data Sheet

PCLI

Paper Stoneware High-Fire Clay

Technical Data

Firing Range:	Cone 02-8
Biscuit Temperature:	Cone 05
Water Content:	24%
Plasticity (IP Atterberg):	27
Carbonate Content (CaCO ₃):	0%
Drying Shrinkage:	6.7%
Firing Shrinkage (1250°C):	5.8%
Porosity (1250°C):	5.6%
Dry Bending Strength:	5.2 N/mm ²
Fired Bending Strength (1250°C):	39.5 N/mm ²
Thermal Coefficient (1250°C):	55.7x10 ⁻⁷ °C ⁻¹

Features



High-Fire Stoneware Clay



**Not Suitable
For Tableware**



**Not Tested For Use
In Microwave**



**Compatible With Most
Standard Glazes**
(Test firing recommended)

SIO-2® PCLI is a unique clay body with 30% impalpable grog created by blending paper pulp with traditional clay. The paper fibers add distinctive texture while minimizing cracking during drying and firing. This low-shrinkage, strong clay is ideal for a variety of ceramic projects.

Designed specifically for artistic ceramics, it offers exceptional plasticity, making it perfect for intricate modeling. This clay is especially advantageous for crafting complex shapes that can be challenging to dry with other types of clay, allowing artists to explore innovative designs without the fear of deformation or damage to their piece.

Available Packaging

Full-Size
27.6 lbs



Sample-Size
4 lbs

