

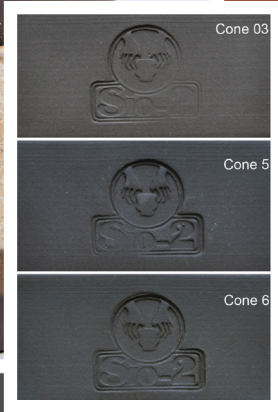


**Clay & Pottery Supplies**  
 2985 Haldimand Rd. 9  
 York, ON, N0A 1R0  
 (905) 379-5868  
 info@clayandpotterysupplies.com

# Technical Data Sheet

## PRNI

### Black Stoneware High-Fire Clay



### Technical Data

Firing Range:	<b>Cone 5-6</b>
Biscuit Temperature:	Cone 06
Water Content:	21%
Plasticity (IP Atterberg):	19
Carbonate Content (CaCO <sub>3</sub> ):	0%
Drying Shrinkage:	8.2%
Firing Shrinkage (1250°C):	5.4%
Porosity (1250°C):	4.0%
Dry Bending Strength:	5.9 N/mm <sup>2</sup>
Fired Bending Strength (1250°C):	51.4 N/mm <sup>2</sup>
Thermal Coefficient (1250°C):	63.8x10 <sup>-7</sup> °C <sup>-1</sup>

### Features



**High-Fire Stoneware Clay**



**Microwave-Safe**



**Suitable For Tableware**  
 (Food-safe according to ISO 6486:1999 standards)



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

SIO-2® PRNI is a black stoneware clay with 40% impalpable grog, specially formulated for artistic ceramics. It is ideal for wheel-throwing and modeling smooth, detailed pieces.

The high grog content ensures excellent performance during drying and firing. When fired in an oxidizing atmosphere, the clay takes on a rich, intense black color. In a reduced oxygen atmosphere, it produces metallic effects with blue undertones.

SIO-2® PRNI is sensitive to cooling, which may lead to unwanted breakage. To help prevent this, we recommend keeping the kiln closed until it cools below 100°C (212°F).

### Available Packaging

**Full-Size**  
27.6 lbs



**Sample-Size**  
4 lbs

