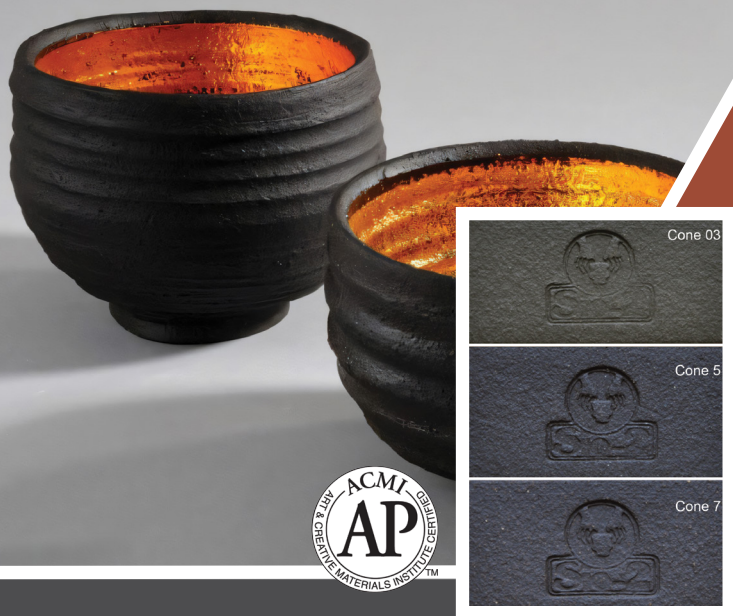




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Technical Data Sheet

PRNF

Black Sculpture High-Fire Clay

Technical Data

Firing Range:	Cone 5-7
Biscuit Temperature:	Cone 06
Water Content:	21%
Plasticity (IP Atterberg):	19
Carbonate Content (CaCO ₃):	0%
Drying Shrinkage:	8.1%
Firing Shrinkage (1250°C):	3.7%
Porosity (1250°C):	8.8%
Dry Bending Strength:	5.7 N/mm ²
Fired Bending Strength (1250°C):	29.5 N/mm ²
Thermal Coefficient (1250°C):	50.8x10 ⁻⁷ °C ⁻¹

Features



High-Fire Sculpture Clay



Not Tested For Use
In Microwave



Not Suitable
For Tableware



Compatible With
Zinc-Free Glazes
(Test firing recommended)

SIO-2® PRNF Black Sculpture Clay contains 40% fine grog, making it perfect for artistic ceramics and sculpture. The high grog content provides a beautifully textured surface and ensures excellent performance during both drying and firing.

When fired in an oxidizing atmosphere, this clay produces a rich, intense black color. In a reduced oxygen atmosphere, it develops metallic effects with subtle blue undertones.

SIO-2® PRNF 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

