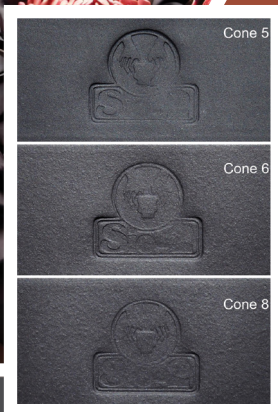




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Technical Data Sheet

Black Ice

Black Porcelain High-Fire Clay

Technical Data

Firing Range:	Cone 6-7
Biscuit Temperature:	Cone 06
Water Content:	22%
Plasticity (IP Atterberg):	11
Carbonate Content (CaCO ₃):	0%
Drying Shrinkage:	5.7%
Firing Shrinkage (1250°C):	10.3%
Porosity (1250°C):	0%
Dry Bending Strength:	3.1 N/mm ²
Fired Bending Strength (1250°C):	40.1 N/mm ²
Thermal Coefficient (1250°C):	62.5x10 ⁻⁷ °C ⁻¹

Features



High-Fire Porcelain Clay



Microwave-Safe



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



Compatible With Zinc-Free Glazes
(Test firing recommended)

SIO-2® Black Ice is a porcelain clay with a rich black graphite color and excellent plasticity, making it ideal for both wheel-throwing and hand modeling. Its stable formula is known for strength, durability, and shape retention during firing.

This versatile clay adapts well to various firing techniques, ensuring reliable results across different creative processes. Its fine grain allows for precise detailing, making it suitable for intricate work.

SIO-2® Black Ice constantly delivers a luxurious, high-end look and feel, thanks to its defining color and durable properties.

Available Packaging

Full-Size
11 lbs



Sample-Size
3.5 lbs

