

SIO-2® Black Ice - Black Porcelain Clay

IS IRON OXIDE USED TO MAKE THE CLAY BLACK?

No. This clay uses a very dark clay and a small quantity of manganese (<5%) to get the deep, black color.

WHY CHOOSE SIO-2® BLACK ICE?

SIO-2® Black Ice has been formulated for both artistic ceramics and pottery, it offers exceptional plasticity and a deep black coloring for any project.

IS SIO-2® BLACK ICE CLAY MICROWAVE SAFE?

Yes, your SIO-2® Black Ice dinnerware can be safely heated in the microwave. However, some glazes cannot be microwaved- so be sure to check before microwaving your glazed ceramics.

IS SIO-2® BLACK ICE SUITABLE FOR TABLEWARE?

Yes. SIO-2® Black Ice clay bodies are food-safe according to ISO 6486:1999 standards.



BLACK ICE Olivia Walker
(©Sylvain Deleu)



BLACK ICE Mercè Rius



SIO-2® Black Ice is a specialty clay that exudes a stunningly rich, deep black graphite color. It boasts a high level of plasticity, which makes it excellent for creating pieces on the potter's wheel or by hand modeling.

SIO-2® Black Ice is a highly stable formula that is known for its strength, durability, and ability to maintain its shape during firing. Suitable for producing either a smooth or textured finished piece.

Whether this clay is used for artistic ceramics or for pottery, it will surely give your piece a luxurious, high-end look and feel thanks to its unique black color and durable properties.

Firing range: Cone 6-7 (2269°F-2295°F)
Biscuit temperature: Cone 06 (1855°F)
Water content: 20%
Plasticity (IP Atterberg): 11
Carbonate content (CaCO3): 0%
Drying shrinkage: 5.4%
Firing shrinkage at Cone 6: 10.3%
Porosity (water absorption at Cone 6): 0.0%
Dry bending strength: 3.1 N/mm2
Fired bending strength (at Cone 6): 39.8 N/mm2
Thermal coefficient (25-500°C): 54.3x10⁻⁷°C⁻¹



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rhonda@clayandpotterysupplies.com
P: 905-379-5868
www.clayandpotterysupplies.com