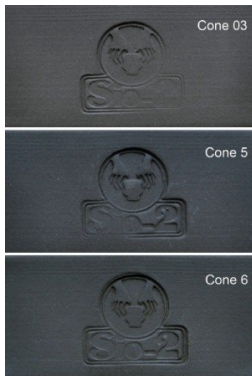




High Fire Clays

PRN - Black High Fire Clay



PRNI

Item number: 13 610 200 | UPC: 8422830136032



Black Stoneware Clay with Impalpable Grog

Black stoneware clay body with 40% impalpable grog (up to 80 Mesh). Formulated for artistic ceramics, it is ideal for wheel-throwing and modeling smooth pieces with fine details. The high content of grog confers an excellent behavior during drying and firing. Its beautiful and intense black firing color in oxidizing atmosphere is very exclusive of PRN range and becomes an ideal artistic mean of expression. In reducing atmosphere, metallic effects with shades of blue are obtained. Suitable for tableware (**food-safe**), according to [ISO 6486](https://www.iso.org/standard/6486.html). Available in extruded body (moist form).

Firing range: **Cone 5-6 (2205°-2269°F)**

Biscuit: Cone 06 (1855°F)

Water content: 21%

Plasticity (IP Atterberg): 22

Carbonate content (CaCO₃): 0%

Drying shrinkage: 7.0%

Firing shrinkage at Cone 6: 7.1%

Porosity (water absorption) at Cone 6: 1.3%

Dry bending strength: 4.6 N/mm²

Fired bending strength at Cone 6: 33.3 N/mm²

Thermal coefficient (α25-500°C): 51.1x10⁻⁷°C⁻¹

 Film-wrapped pack + carton box |  27.6 lb (12.5 kg)

Recommendations for use with glazes

Use zinc-free (Zn-free) glazes to prevent from unexpected reactions such as bubbling or color changes. Other elements that can react are zirconium (Zr) and tin (Sn). We recommend consulting your usual glaze supplier to ensure proper suitability with this ceramic clay body.



CERÁMICA COLLET S.A. | Fundada en 1874

Polígono Industrial L'Olana, S/N. E-08292 Esparreguera - Barcelona (SPAIN)
T +34 93 777 23 44 | F +34 93 770 94 11 | info@sio-2.com | www.sio-2.com