

Deep Black Ocean

Oxerra offers a **unique range of carbon-derived deep black** pigments that are finely divided forms of elemental carbon created through thermal decomposition, combustion, or charring of organic materials. These pigments are valued for their **color intensity, UV resistance and stability**. The product portfolio is distinctive based on their source material and production process.



GLOBALLY

EMPOWER COLOR

CARBOFIN® S lamp black

High-quality lamp black pigment with small amounts of complex polar combinations on its surface. CARBOFIN® S is used in the carbon brush industry or for shading purposes in the coatings- and plastics-industry. The bluish - black undertone distinguishes well from the brownish shade of many iron oxide blacks. The pigment is light-fast and weather resistant, and thermostable up to 300°C.

Product Code	Pigment Index	pH	Bulk Density (g/l)	Oil Absorption (g/100g)	Moisture Content (%)	Ash Content (%)	SSA (m ² /g)
CARBOFIN® S	PBk 6	8	190 +/-30	140 +/-30	< 1.0	< 0.2	approx. 29

CARBOFIN® NCS coal black

Black pigment based on coal, not comparable to traditional carbon blacks. Due to the special grain size and surface, the product is less dusty than conventional carbon black. The combined effect as a pigment and as a reinforcing filler makes it particularly suitable for the use in primers, underbody protection compounds and in thermoset plastics. In water or oil based artist colors it provides a fascinating deep, neutral black.

Product Code	Pigment Index	Volatile Matter (%)	Oversize on 40 µm (%)	Moisture Content (%)	Ash Content (%)
CARBOFIN® NCS	PBk 6	approx. 6.0	approx. 2.3	approx. 1.0	approx. 4.3

IVORY BLACK ES39 bone black

A traditional, mineral black pigment with embodied carbon. Ivory Black is characterized by very good fastness properties, high depth of color and moderate tinting strength. The dry-milled Ivory Black is not a fully dispersed product. The reserves of tinting strength can be obtained by an intensive wet grinding operation using a bead mill. In the course of dispersing, the color shade can move to brownish. Dispersing media can be water, solvent-resin-systems or plasticizers.

Product Code	Pigment Index	Carbon content (%)	Ash Content (%)	Volatile Content (%)	Bulk Density (g/cm ³)	Oil Absorption (ml/100g)
IVORY BLACK 39	PBk 9	approx. 16	81-85	<4	approx. 0.5	70 +/-5

Recommended applications:

Shading in plastics and coatings or in dry pigment blends. Ivory Black is flocculation stable and does not float in varnishes. Deep black coloring of plastics, matt lacquers and artists' paints.

Rheological properties of systems are hardly influenced by Ivory Black, even at high dosing levels.

GRANUFIN VELVET BR23 granulate bone black

Mineral black pigment granulate based on bone charcoal. Due to the strong adhesion of carbon on the mineral surface, the pigment is characterized by very good fastness properties, high depth of color and moderate tinting strength. Through a patented procedure, pigment powder is refined to a low-dust granulate form. GRANUFIN® Velvet is flocculation and floating stable and combines the advantages of powder pigments and liquid pigment preparations.

Product Code	Pigment Index	Fineness (µm)	pH	Toluene Extract
GRANUFIN® Velvet BR23	PBk 9	0-30	9-11	Y/N

Applicable for tinting or full-tone coloring of plastics, decorative coatings, artists colors and printing inks.