

RAVEN 1180

Surface modified carbon black for premium quality offset inks and coatings

Birla Carbon Raven 1180 carbon black is a low-structure, post-treated black with low levels of ash and residue. These important features provide excellent color and gloss in premium ink applications and medium color coatings. The low structure also makes this carbon black the ideal candidate for highly loaded ink bases.



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TARGET APPLICATIONS

- Offset inks
- Medium color coatings

PERFORMANCE ADVANTAGES

- Excellent blue tone
- Superior color
- High gloss
- Easy to disperse
- Good flow

TYPICAL PROPERTIES

PROPERTY	UNIT	R1180 POWDER
STSA	m ² /g	97
OAN ¹	cm ³ /100g	60
Tinting Strength ¹	% IRB #3	128
Volatile Content	%	2.5

¹ - Measured prior to treatment



The Birla Carbon team will collaborate with you to find the best possible solution for your carbon black needs. Please contact us to request additional information.

ABOUT BIRLA CARBON

Birla Carbon is a leading global supplier of carbon black. As one of the flagship businesses of the leading Indian multinational conglomerate, the **Aditya Birla Group**, Birla Carbon provides innovative sustainable carbon black solutions that enhance the performance of paints and coatings, inks and toners, plastics, adhesives, sealants, textile fibers, mechanical rubber goods, tires, Energy Systems, and Sustainable Carbonaceous Materials.

As an ardent practitioner of sustainable development, Birla Carbon's Sustainable Operational Excellence (SOE) strategy focuses on employee safety, environmental stewardship, efficient use of carbon sources, product circularity and sustainability, and a key focus on conducting operations in a socially and

ethically responsible manner. Birla Carbon has been recognized by EcoVadis since 2016 as an advanced practitioner of sustainability. Our current rating is available on the Birla Carbon Sustainability webpage.

Birla Carbon's Purpose, 'Share the Strength', is about balanced and shared leadership, working at the product level to innovate cutting edge solutions through collaboration with its people, customers, and communities and backed by knowledge built over a century.

For more information, visit birlacarbon.com, or follow us @BirlaCarbon on [Twitter](https://twitter.com/BirlaCarbon), [LinkedIn](https://www.linkedin.com/company/birlacarbon), [Facebook](https://www.facebook.com/BirlaCarbon), or [Instagram](https://www.instagram.com/BirlaCarbon).

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