

RAVEN 5100 ULTRA

Carbon black for the highest level of jetness in high value plastics



BIRLACARBON.COM

Birla Carbon introduces Raven 5100 Ultra carbon black, the next generation piano black for high end plastic applications in automotive, consumer electronics, and household appliances. Raven 5100 Ultra carbon black offers outstanding color in terms of jetness and undertone performance. Thanks to its physical form (bead), Raven 5100 Ultra carbon black is easy handling and meets plastic industry requirements.

TARGET APPLICATIONS

- **Automotive**
 - Interior Trim: Piano black color with high gloss for fashion and luxurious finishing
 - Exterior Body: A black to compete with high-end coatings
- **Consumer electronics**
- **Household appliances**

PERFORMANCE ADVANTAGES

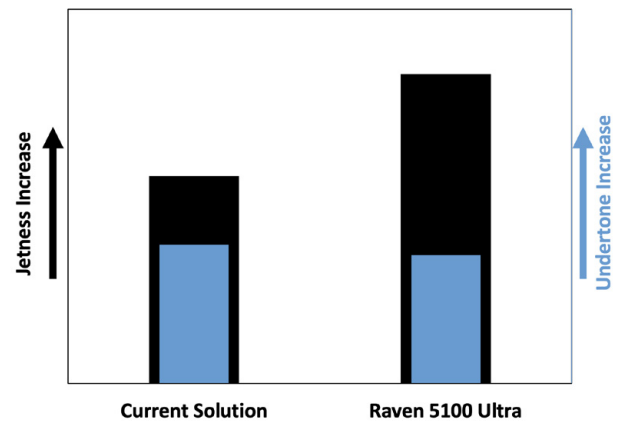
- **Extremely high jetness with attractive blue undertone**
- **Compatible with various engineering resins**
- **Good balance of dispersion and color performance**

TYPICAL PROPERTIES

PROPERTY	UNIT	RAVEN 5100U BEAD
STSA	m ² /g	370
OAN	cm ³ /100g	75
325 Mesh Residue	ppm	< 40
Tinting Strength	% IRB #3	135 ⁺¹

¹ - The ASTM Tinting Strength value for high surface area products plateaus at about 135% ITRB, consequently ASTM Tinting Strength is not indicative of performance for this range of products.

MASSTONE PERFORMANCE - JETNESS AND UNDERTONE



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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