

RAVEN 3000 ULTRA

Very high jetness carbon black for use in high value plastics



BIRLACARBON.COM

Birla Carbon Raven 3000 Ultra carbon black is a very high jetness black specifically designed for use in high value plastics such as engineering resins. The very high jetness and surface finish properties of Raven 3000 Ultra make it suitable for the most demanding electronics, automotive, and household appliance applications.

TARGET APPLICATIONS

- Very high jetness plastic parts
 - Automotive
 - Electronics
 - Home appliances
- High jetness coatings

PERFORMANCE ADVANTAGES

- Very small particle size
 - Very high jetness
 - Excellent UV protection
- Distinctive morphology
 - Easy masterbatch dilutability
- Excellent physical/chemical cleanliness
 - Superior surface smoothness
 - Excellent processability

TYPICAL PROPERTIES

PROPERTY	UNIT	R3000U BEAD	R3000U POWDER
STSA	m ² /g	235	235
OAN	cm ³ /100g	70	73
325 Mesh Residue	ppm	<20	<20
Tinting Strength	% IRB #3	135 ⁺¹	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.



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 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, and tires.

The company's footprint extends across 12 countries with 16 manufacturing facilities and two state-of-the-art technology centers in Marietta (USA) and Taloja (India), providing industry-leading innovation. Its Sustainable Operational Excellence (SOE) strategy focuses on employee safety, environmental stewardship, efficient use of carbon sources, and operating in a socially and ethically responsible manner.

In 2020, Birla Carbon was awarded a Gold level rating for sustainable practices for the fifth consecutive year by EcoVadis.

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, LinkedIn, Facebook, or Instagram.

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