



RAVEN 1040
RAVEN 1035
RAVEN 1180
RAVEN 1255



RAVEN

Medium Color Coatings

MEDIUM COLOR COATINGS

Birla Carbon offers Raven 1040, Raven 1035, Raven 1180, and Raven 1255 carbon blacks, a complete range of carbon blacks specifically designed for use in paints and coatings. The distinct morphologies of these products provide easy dispersion and an eye-appealing blue tone in end applications such as automotive, architectural, and industrial coatings. Raven 1255 carbon black is the industry benchmark for the premium coatings market.

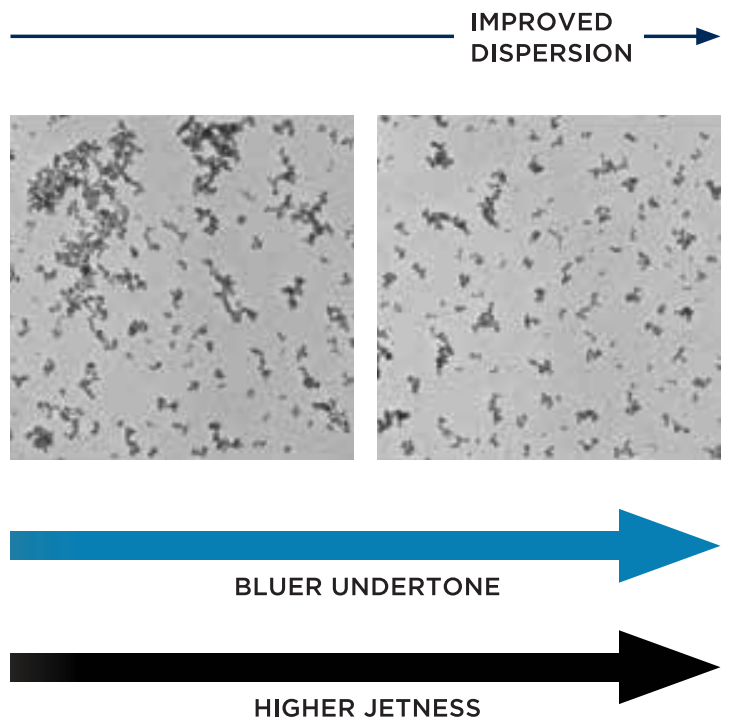
These four products cover the spectrum in terms of color performance needs. They have acidic surfaces which give enhanced stability and better flow in compatible systems. Whether your requirement is full color or tinting, the Birla Carbon team will work with you to select the product that best fits your application need.

PERFORMANCE PROPERTIES

Carbon black provides pigmentation (color and undertone) for a wide variety of coatings applications. Carbon black dispersion, dispersion stability, and the specifics of the formulation significantly impact color performance. These products are tuned to offer good jetness and to greatly enhance the blue undertone.

Raven 1040, Raven 1035, Raven 1180, and Raven 1255 carbon blacks have acidic surfaces and medium to medium-high surface areas that strongly absorb light to provide color strength. They also have the appropriate light scattering properties that bring out the desirable blue undertone in full shade applications.

Good carbon black dispersion and dispersion stability is very important in achieving the end use performance. The overall balance of properties in these products provides easy dispersion and good stability and flow in a variety of coatings applications.



Birla Carbon has dedicated teams and capabilities focused on specialty carbon black markets, including plastics, inks, and coatings. Our Raven and Conductex specialty carbon blacks meet the unique requirements in these markets and provide the desired properties of color, conductivity, viscosity, and UV protection for a wide range of applications. Our contemporary research

infrastructure and state-of-the-art technology centers make us well equipped to collaborate with our customers and provide the best possible solution to any challenge in the specialty carbon black market. With a presence in each of the key markets of Asia, Europe, and the Americas, Birla Carbon stands ready to deliver consistent, high-quality products and services worldwide.

16

MANUFACTURING SITES

8

OFFICES

2

TECHNOLOGY CENTERS

2

CORPORATE OFFICES

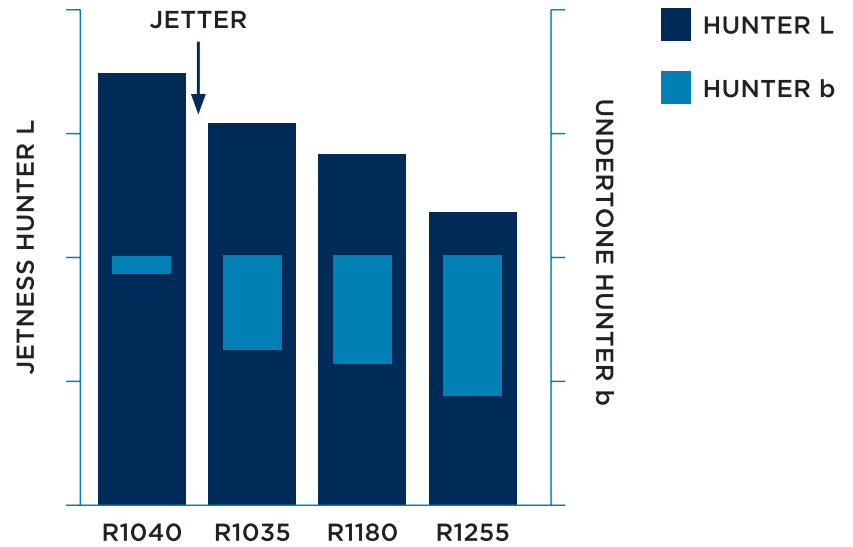


TYPICAL PROPERTIES

PROPERTY	UNIT	R1040	R1035	R1180	R1255
STSA	m ² /g	86	91	97	119
OAN	cm ³ /100g	100	65	60	66
Volatile Content	%	2.6	2.4	2.7	2.7

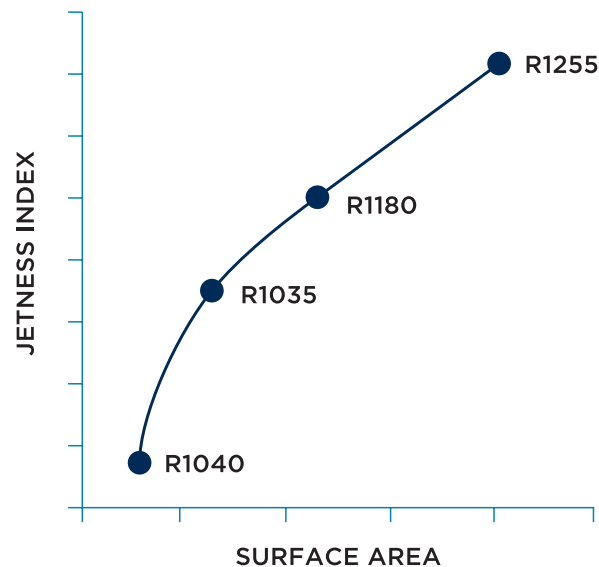
MASSTONE PERFORMANCE IN SOLVENT ACRYLIC ENAMEL

Raven 1255 carbon black offers a premium level of jetness with a strong blue undertone.



JETNESS INDEX

The jetness index correlates with the visual assessment and includes a contribution from the blue undertone.



Collaborating with our customers means much more than finding a product solution. It means having the drive to explore solutions to a challenge from every angle, and leveraging our proven, global expertise to do it. It means

creating practical innovations that deliver real results. And it means creating a seamless experience that is built on a relationship, not a process. The experience begins with a conversation. [Please contact us](#) to get started.

ABOUT BIRLA CARBON

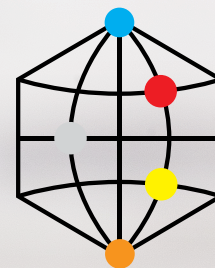
Birla Carbon is a leading global supplier of carbon black. As one of the flagship businesses of the leading Indian multinational conglomerate, the **Aditya Birla Group**, Birla Carbon provides innovative sustainable carbon black solutions that enhance the performance of paints and coatings, inks and 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](https://twitter.com/BirlaCarbon) on [Twitter](https://www.linkedin.com/company/birlacarbon), [LinkedIn](https://www.facebook.com/birlacarbon), [Facebook](https://www.facebook.com/birlacarbon), or [Instagram](https://www.instagram.com/birlacarbon).



SHARE THE STRENGTH

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