

# RAVEN PFEB

High performance carbon black for Adhesive & Sealant applications



[BIRLACARBON.COM](http://BIRLACARBON.COM)

Raven PFEB carbon black is a high performance black for Adhesive & Sealant applications. Owing to its carefully tailored morphology and cleanliness, it provides low moisture pick-up, smooth surface finish and good compatibility when used in Adhesive & Sealant formulations. The moderate structure enables rapid, more thorough dispersion while providing improved rheology. The product can be used in polyurethane, epoxy, silicone, acrylic or hybrid systems with excellent performance.

## TARGET APPLICATIONS

- Structural adhesives
- Windshield bonding
- Construction sealants

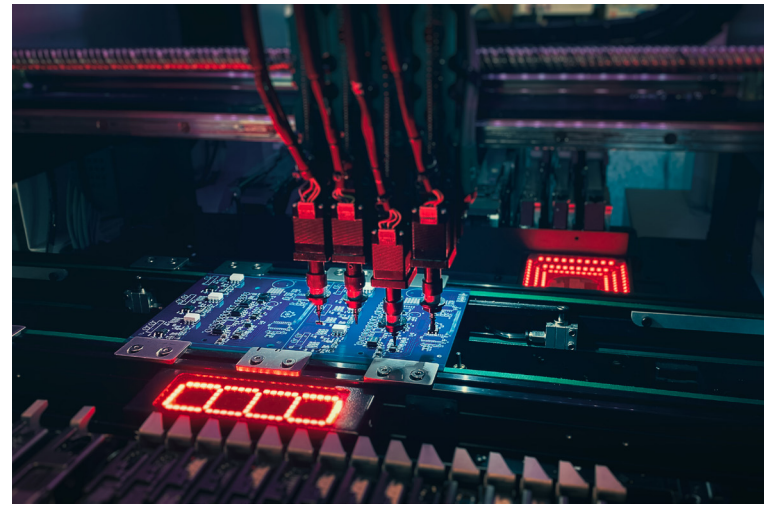
## BENEFITS

- Extremely low physical impurities
- Excellent chemical cleanliness that includes low heavy metal content
- Easy to disperse enabling reduced processing time
- Smooth surface finish and good compatibility in a wide variety of Adhesive & Sealant formulations
- Low moisture pick-up
- Less than 20 nm particle size (ASTM D3849-14a) that provides improved mechanical durability
- Provides excellent UV protection
- Moderate structure providing improved rheology

## TYPICAL PROPERTIES

PROPERTY	UNIT	RPFEB BEAD
STSA	m <sup>2</sup> /g	91
OAN	mL/100g	98
Ash Content	%	<0.1
Sulfur	%	<0.1
Particle Size <sup>1</sup>	nm	<20

<sup>1</sup>ASTM D3849-14a



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](http://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](http://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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