

RAVEN PFEB

Industry benchmark carbon black for pipe applications (EU) No. 10/2011 compliant



BIRLACARBON.COM

Birla Carbon Raven PFEB carbon black is an industry benchmark carbon black for plastics applications. Owing to its carefully tailored morphology and ultra-cleanliness, it is a low moisture pick-up product for pressure pipe applications. Raven PFEB carbon black is suitable for use in food contact applications due to its compliance with (EU) No. 10/2011.

TARGET APPLICATIONS

- Pressure pipes - gas and water
- EU indirect food contact plastics
- Geomembranes and films
- Telecom jacketing

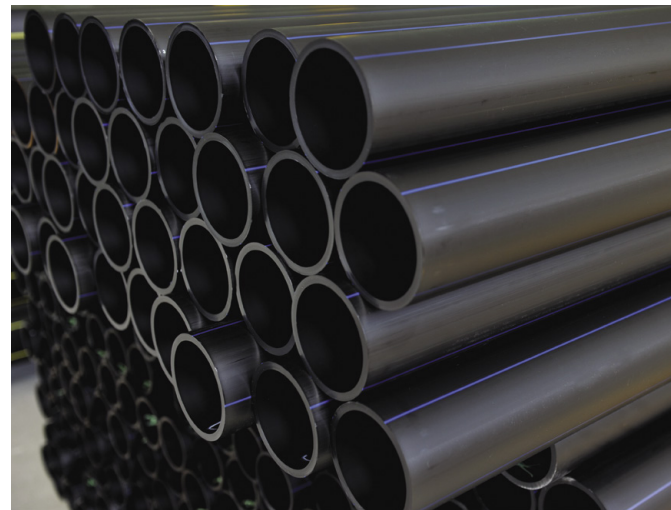
PERFORMANCE ADVANTAGES

- Less than 20 nm particle size (ASTM D3849-14a)
 - Provides excellent UV protection
 - Meets requirements of coefficient absorption for telecom jacketing
- Extremely low physical impurities
 - Easy to disperse and adapted for fast extrusion
- Longer screenlife
- Smooth surface finish
- Improves mechanical durability
- Excellent chemical cleanliness
 - Compliant with (EU) No. 10/2011
 - Low heavy metal content
 - Excellent organoleptic properties
 - Low moisture pick-up

TYPICAL PROPERTIES

PROPERTY	UNIT	RPFEB BEAD
STSA	m ² /g	91
OAN	cm ³ /100g	98
Ash Content	%	<0.1
Sulfer	%	< 0.1
Particle Size ¹	nm	<20

¹ASTM 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](#).

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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