



BIRLA CARBON

LOW PAH CARBON BLACKS
FOR RUBBER GOODS

ADITYA BIRLA



BIRLA CARBON

To address increasingly stringent requirements for low PAH (Polycyclic Aromatic Hydrocarbons) rubber goods, Birla Carbon has developed a range of products fulfilling regulatory requirements for various low PAH applications.



Birla Carbon is able to offer low PAH offsets to the most commonly used carcass carbon blacks as well as a selection of N300 and N200 series types for maximum flexibility in compounding and formulation.

Regulation

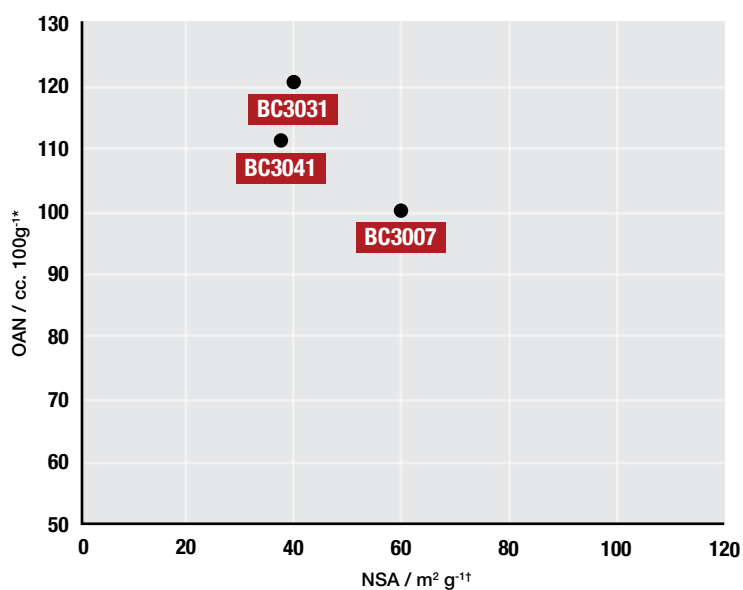
AfPS and EU-8
(EU No 1272/2013
Cat. A and B and
AfPS GS 2019:01)

Products

Birla Carbon™ 3007
Birla Carbon™ 3031
Birla Carbon™ 3041

Carbon Black Certification

< 1 ppm of each
EU-8 PAH per
ASTM-D7771



Regulation

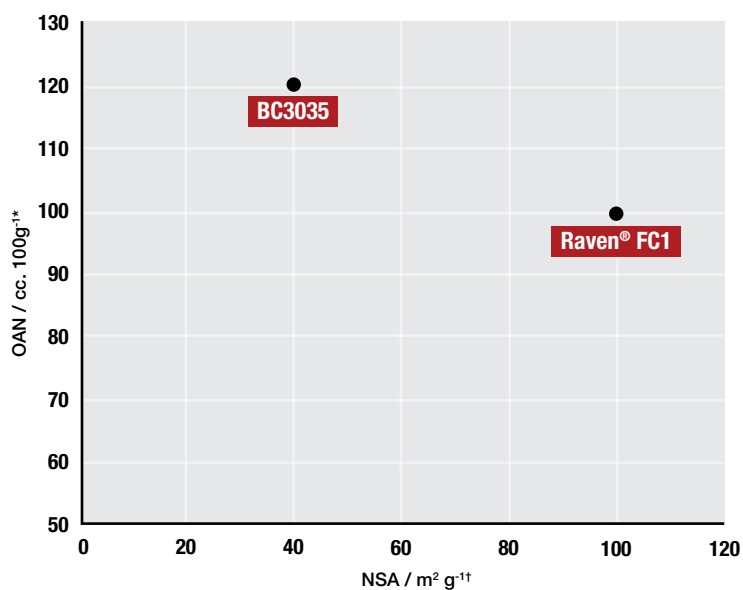
EU and Chinese
food contact
(EU 10/2011 and
China GB 9685-2016)

Product

Birla Carbon™ 3035

Carbon Black Certification

< 250 ppb of BaP
per ASTM-D7771



Regulation

FDA food contact

Product

Raven® FC1

Carbon Black Certification

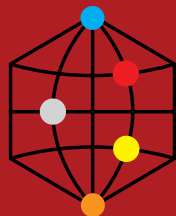
0.5 ppm total
PAH (FDA-22),
< 5 ppb BaP

* OAN is oil absorption number

† NSA is nitrogen specific surface area

About Birla Carbon

Birla Carbon is one of the world's largest manufacturers and suppliers of high quality carbon black and a flagship business of the Aditya Birla Group. Our contemporary research infrastructure and state-of-the-art technology centers provide carbon black solutions to leading companies in the rubber and specialty applications sectors worldwide.



**SHARE THE
STRENGTH**

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 and a key focus on conducting operations in a socially and ethically responsible manner. In 2019, Birla Carbon was awarded a Gold level rating for sustainable practices for the fourth 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.

NORTH AMERICA

Birla Carbon U.S.A., Inc.
1800 West Oak Commons Court
Marietta, Georgia 30062-2253 USA
Phone: +1 770 792 9400

SOUTH AMERICA

Birla Carbon Brazil Ltda.
Rua Guaiaó, 66 - Salas 1012 a 1016 - Bairro Aparecida
Santos, Brazil 11035-260
Phone +55 13 3279-1300

EUROPE, MIDDLE EAST, AFRICA

Birla Carbon Europe GmbH
Podbielskistrasse 160 D-30177
Hannover, Germany
Phone: +49 511 630 890

NORTH ASIA

Birla Carbon (China) Office
509 Room, Far East International Plaza
317 Xian Xia Road, Changning District
Shanghai, China 200050
Phone: +86 21 6259 9126

SOUTH ASIA

Birla Carbon (Thailand) Public Co. Ltd.
888/122, 888/128, Mahatun Plaza, 12th Floor
Ploenchit Road, Lumpini
Pratumwan, Bangkok 10330 Thailand
Phone: +66 2253 6745

ADITYA BIRLA



www.birlacarbon.com

The information presented within this publication is based on Birla Carbon's research and the research of others, but neither its accuracy nor completeness is guaranteed. BIRLA CARBON MAKES NO, AND DISCLAIMS ALL, REPRESENTATIONS AND WARRANTIES, EXPRESS OR IMPLIED, REGARDING ACCURACY, PERFORMANCE, STABILITY, RELIABILITY, OR USE, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND OR FITNESS FOR A PARTICULAR PURPOSE. The user is solely responsible for determining the suitability of any product for a specific purpose. No suggestion for use is intended as or should be construed as a recommendation to infringe upon any patent or to violate any law or regulation. Before handling, using, or processing any material, always read its Material Safety Data Sheet.