

CONDUCTEX 7055 ULTRA

Superior conductive carbon black for ESD applications and semiconductor shield for power cables.



BIRLACARBON.COM

Birla Carbon Conductex 7055 Ultra carbon black is a highly conductive black suitable for ESD and higher conductive applications. Conductex 7055 Ultra carbon black achieves targeted conductivity in various polymers at relatively low loadings and features superior physical and chemical cleanliness. These features aid the retention of critical mechanical properties and the achievement of superior surface finish in final products.

TARGET APPLICATIONS

- **Electrostatic dissipation (ESD)**
 - Films and tapes
 - IC trays and boxes
 - Antistatic flooring
- **Power cables**
 - Medium and high voltage cables
 - Bonded and strippable shields
 - Cable accessories
- **Automotive: fuel tanks and inlets**

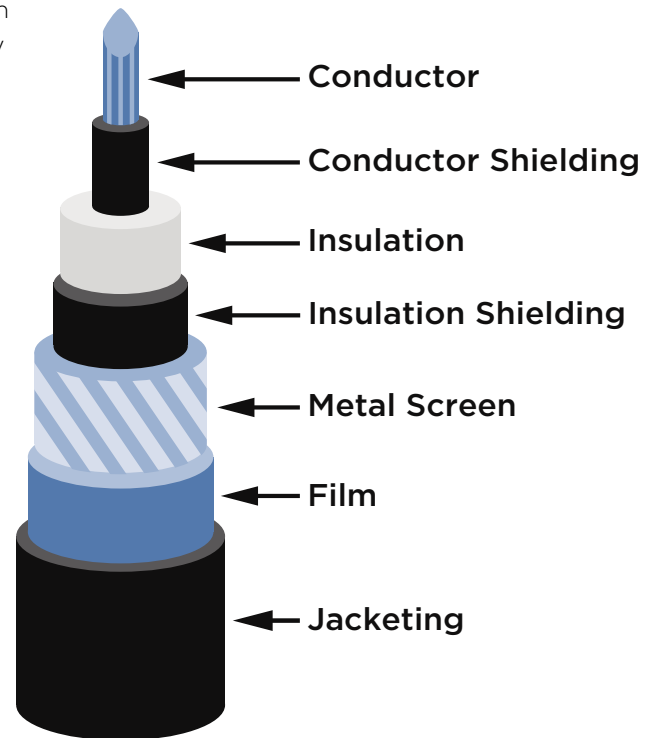
PERFORMANCE ADVANTAGES

- Highly conductive
- Physical and chemical cleanliness
- Superior surface smoothness
- Improved processability and rheology
- Low moisture pickup

Unique morphology of low surface area and high structure combination along with superior cleanliness offers compounders to meet the quality criteria in demanding ESD/superior conductive applications in plastics.

TYPICAL PROPERTIES

PROPERTY	UNIT	C7055U
OAN	cm ³ /100g	170
NSA	m ² /g	55
500 mesh residue	ppm	10 max
Sulfur	%	<0.5
Ash	%	<0.03



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](https://twitter.com/BirlaCarbon), [LinkedIn](https://www.linkedin.com/company/birlacarbon), [Facebook](https://www.facebook.com/BirlaCarbon), or [Instagram](https://www.instagram.com/BirlaCarbon).

NORTH AMERICA

Birla Carbon U.S.A., Inc.
1800 West Oak Commons Court
Marietta, Georgia 30062-2253
USA
Phone: +1770 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

ASIA/INDIA

Birla Carbon India Private Limited
8th Floor, Birla Centurion
Pandurang Budhkar Marg
Century Mills Compound
Worli, Mumbai 400 030, India
Phone: +91 22 6977 9900 / 9915

ASIA/THAILAND

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

ASIA/CHINA

Birla Carbon China (Jining) Co. Ltd.
6th, Chenguang Road,
Jibe High Tech Development Zone
Jining City, Shandong Province
China 272000
Phone: +86 177 5371 2538

ASIA/SOUTH KOREA

Birla Carbon Korea Co., Ltd.
7th Floor Taewoo Building
285 Gangnamdae-ro Seocho-gu
Seoul 137 070
Phone: +82 22 186 1680

PPS07055U-1