

CONDUCTEX 7055 ULTRA

Superior conductive carbon black for ESD applications and Semiconductor Shield for Power Cables.



Suitable for ESD and higher conductive applications in various polymers with relatively low loading levels, to retain critical mechanical properties in the final products while achieving superior surface finish.

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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**

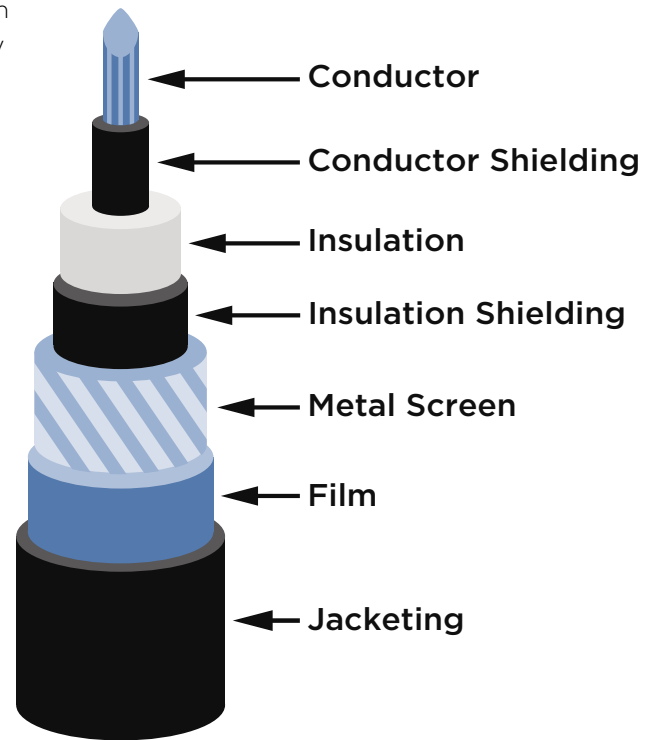
PERFORMANCE ADVANTAGES

- 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 website**.

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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