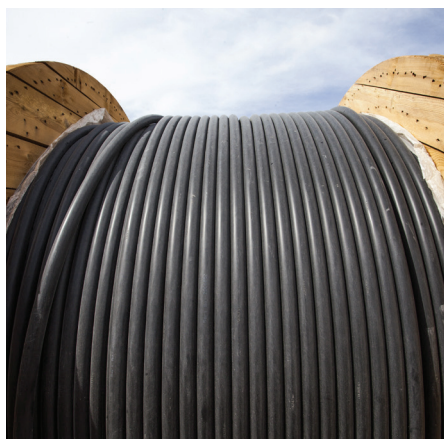


## VULCAN<sup>®</sup> XC200 Conductive Carbon Black



### Product Highlights

VULCAN XC200 conductive carbon black is part of our XC-family of conductive carbon blacks offering excellent conductivity, cleanliness, and consistency. Medium voltage (MV) compounds made with VULCAN XC200 conductive carbon black offer low strip force relative to other conductive carbon blacks. With outstanding cleanliness including low levels of ionic impurities, ash, and sulfur, VULCAN XC200 conductive carbon black can help enable long-term cable performance by minimizing potential sources of failure.

### Key Applications

VULCAN XC200 conductive carbon black is suitable for use in insulation shields in medium voltage power cables where strippability is required or mandated. Its excellent cleanliness and conductivity performance allows for its use in conductor shields as well.

### Performance Features

VULCAN XC200 conductive carbon black has several important features that help enable long-term performance of power cables and conductor shields:

- ◆ It is specifically designed to enable low strip force in strippable semicon shields
- ◆ It has good conductivity, protecting against premature cable failure
- ◆ It has excellent chemical and physical cleanliness for a smooth surface finish
- ◆ It has good processability and ease of dispersion

### Typical Properties

PROPERTY	VALUES	TEST METHOD
Iodine number (mg/g)	46	ASTM D-1510
OAN (cc/100g)	115	ASTM D-2414
325 mesh residue (ppm)	< 10	ASTM D-1514
Ash (%)	< 0.1	ASTM D-1506
Total Sulfur (%)	< 0.75	ASTM D-1619

The data in the table above are typical test values intended as guidance only, and are not product specifications. Product specifications are available upon request from your Cabot representative.

### Product Form & Logistics

- ◆ Product Form: Pellets
- ◆ Regional Availability: Global
- ◆ Bag Packaging Options: 20 kg polyethylene or paper bags
- ◆ Bulk Packaging Options: 500 or 800 kg FIBC

Refer to the Material Safety Data Sheet (MSDS) for recommended storage conditions, available through your Cabot representative or on [www.cabotcorp.com](http://www.cabotcorp.com).



[www.cabotcorp.com](http://www.cabotcorp.com)

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