

## VULCAN<sup>®</sup> XC615 SPECIALTY CARBON BLACK

### Product highlights

VULCAN XC615 specialty carbon black is part of Cabot Corporation's family of conductive carbon blacks. Its properties make VULCAN XC615 specialty carbon black suitable primarily for use in electrostatic dissipation (ESD) applications, or those that require protection against static discharge, such as electronics packaging and in environments where static discharge could create a risk to personal safety. It has been developed to deliver key performance requirements for ESD applications.

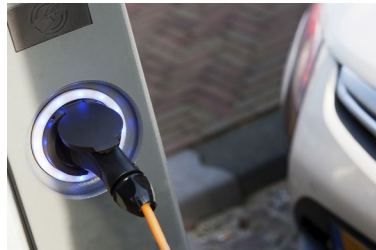


VULCAN XC615 specialty carbon black has the potential for a full range of conductivity performance depending on the loading level. It enables relatively **low compound moisture absorption (low CMA)** levels in ESD applications, where this is an important requirement.

### Key applications

VULCAN XC615 specialty carbon black is particularly suitable for use across a range of conductive applications, where a combination of protection from ESD, good processability and low CMA are required:

- ◆ ESD packaging, such as films, blow molded materials and injection molded parts
- ◆ Extruded conductive sheets for electronics and automotive applications
- ◆ Conductive components in the automotive fuel and charging systems (tubes, inlets, chargers)



## SPECIALTY CARBON BLACKS

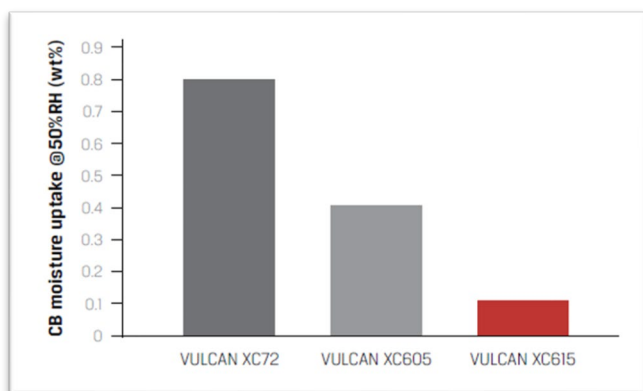


Figure 1. Moisture Uptake of Selected Cabot Products

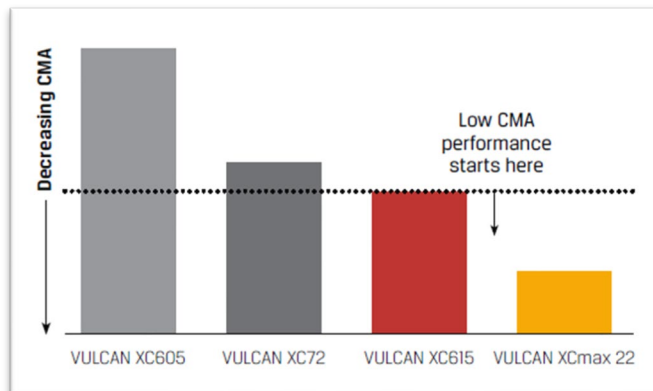


Figure 2. CMA Performance of Selected Cabot Products

### TYPICAL PROPERTIES

PROPERTY	UNIT	DATA	TEST METHOD
Iodine number	mg/g	70	ASTM D-1510
OAN	cc/100g	150	ASTM D-2414
325 mesh residue	ppm	<25	ASTM D-1514
Density	kg/m <sup>3</sup>	315	ASTM D-1506

The data above are typical test values intended as guidance only; they are not product specifications. Product specifications are available upon request from your Cabot representative.

#### Product form and logistics

- ◆ Product form: Pellets
- ◆ Regional availability: Global
- ◆ Bag packaging options: 15 kg paper bag (720 kg per pallet)
- ◆ Bulk packaging options: 400 kg FIBC

For information on product-specific storage conditions, please refer to the applicable Safety Data Sheet (SDS) available from your Cabot representative or at [cabotcorp.com](http://cabotcorp.com).

The VULCAN name is a registered trademark of Cabot Corporation.

**NORTH AMERICA**  
Business & Technology Center  
157 Concord Road  
Billerica, MA 01821-7001  
United States  
T +1 800 462 2313  
F +1 978 670 7035

**SOUTH AMERICA**  
Cabot Brasil Industria e  
Comercio Ltda.  
Rua do Paraíso 148 - 5ª andar  
04103-000 São Paulo  
Brazil  
T +55 11 2144 6400  
F +55 11 3253 0051

**EUROPE**  
SIA Cabot Latvia  
Gustava Zemgale Gatve 74A  
Riga, LV-1039  
Latvia  
T +371 670 50 900  
F +371 670 50 985

**MIDDLE EAST/AFRICA**  
Cabot Specialty Chemicals  
Jebel Ali Free Zone  
LOB 15, Office 424, Dubai  
United Arab Emirates  
T +971 4 8871 800  
F +971 4 8871 801

**ASIA PACIFIC**  
Cabot China Ltd.  
558 Shuangbai Road  
Minghang District  
Shanghai 201108  
China  
T +86 21 5175 8800  
F +86 21 6434 5532

**JAPAN**  
Cabot Specialty Chemicals, Inc.  
Sumitomo Chiba-Daimon Bldg, 3F  
2-5-5 Shiba Daimon,  
Minato-ku, Tokyo 105-0012  
Japan  
T +81 6820 0255  
F +81 3 5425 4500

The data and conclusions contained herein are based on work believed to be reliable, however, Cabot cannot and does not guarantee that similar results and/or conclusions will be obtained by others. This information is provided as a convenience and for informational purposes only. No guarantee or warranty as to this information, or any product to which it relates, is given or implied. This information may contain inaccuracies, errors or omissions and CABOT DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AS TO (i) SUCH INFORMATION, (ii) ANY PRODUCT OR (iii) INTELLECTUAL PROPERTY INFRINGEMENT. In no event is Cabot responsible for, and Cabot does not accept and hereby disclaims liability for, any damages whatsoever in connection with the use of or reliance on this information or any product to which it relates.