

## VULCAN<sup>®</sup> XC305 SPECIALTY CARBON BLACK

### Product highlights

VULCAN XC305 specialty carbon black is suitable for use in electrostatic dissipation (ESD) applications, or those that require protection against static discharge, such as safety and electronics packaging. It has been developed to deliver key performance requirements for ESD applications.

VULCAN XC305 specialty carbon black has the potential for a full range of conductivity performance depending on the loading level. It has low sulfur and low grit as well as superior dispersibility to promote surface smoothness and preserve the mechanical properties of the polymer



### Key applications

VULCAN XC305 specialty carbon black is suitable for use in conductive plastic applications that require protection against static discharge, such as:

- ◆ IC carrier tapes, trays, boxes and pouches
- ◆ ESD corrugated boards
- ◆ Safety packaging for hazardous good
- ◆ Safety applications in explosive areas

TYPICAL PROPERTIES		
PROPERTY	TYPICAL VALUES	TEST METHOD
Iodine number (mg/g)	72	ASTM D-1510
OAN (cc/100g)	131	ASTM D-2414
325 mesh residue (ppm)	<20	ASTM D-3265
Moisture as packed (%)	<1.0	ASTM D-1513

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

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## Product form and logistics

- ◆ Product form: pellets
- ◆ Regional availability: global
- ◆ Packaging options:
  - ◆ 20 kg bag
  - ◆ 400 kg and 800 kg FBICs

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.

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