

VULCAN® XC605 SPECIALTY CARBON BLACK



Product highlights

VULCAN XC605 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 XC605 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 XC605 specialty carbon black is suitable for use in conductive plastic applications that require protection against static discharge.

Conductive plastic applications

VULCAN XC605 specialty carbon black is suitable for use in IC carrier tapes, trays, boxes and pouches. It is also suitable for use in ESD corrugated boards.

Safety applications

VULCAN XC605 specialty carbon black is suitable for use in safety packaging for hazardous goods and safety applications in explosive areas.

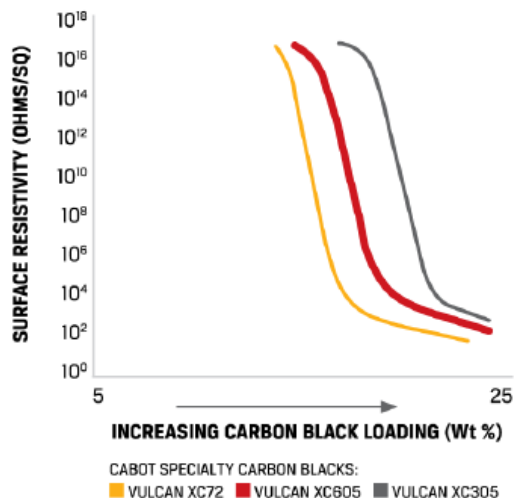
TYPICAL PROPERTIES		
PROPERTY	TYPICAL VALUES	TEST METHOD
Iodine number (mg/g)	72	ASTM D-1510
OAN (cc/100g)	148	ASTM D-2414
325 mesh residue (ppm)	<20	ASTM D-3265
Moisture as packed (%)	<1.0	ASTM D-1513

*Tests are performed according to Cabot Test Methods (CTM)

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

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Performance of VULCAN Specialty Carbon Blacks in ESD Applications



Product form and logistics

- ◆ Product form: Pellet
- ◆ Regional availability: Global
- ◆ Bag packaging options: Bags or 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.

The VULCAN name is a registered trademark of Cabot Corporation.

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