

VULCAN® 9A32 Specialty Carbon Black



Product Highlights

VULCAN® 9A32 specialty carbon black offers high levels of ultraviolet (UV) protection to protect against polymer degradation in plastics applications. It is suitable for cable jacketing, agricultural films, and other demanding applications requiring strong weatherability performance. In addition, it has high levels of cleanliness to enable a smooth finish in extruded plastics parts.

Key Applications

VULCAN 9A32 specialty carbon black is typically used in applications where UV protection is the primary critical to quality (CTQ) performance application. These applications include:

- ◆ Telecom jacketing, including those where maximum particle size and coefficient of absorption (COA) levels are specified
- ◆ Power cable jacketing
- ◆ Agricultural film
- ◆ Other thin film applications where surface smoothness is critical

Performance Features

VULCAN 9A32 specialty carbon black provides excellent protection against UV degradation of polymers and is particularly suited for applications requiring high levels of chemical and physical cleanliness with low sulfur and grit levels. These features enable end-users to extrude parts with higher quality finishes.

Typical Properties

PROPERTY	VALUE	TEST METHOD
Iodine number (mg/g)	142	ASTM D-1510
OAN (cc/100g)	118	ASTM D-2414
Tint (%)	116	ASTM D-3265
325 Mesh residue (ppm)	<30	ASTM D-1514
Density (kg/m ³)	352	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.

VULCAN 9A32[®] Specialty Carbon Black

Product Form & Logistics

- ◆ Product Form: Pellets
- ◆ Regional availability: Global
- ◆ Bag Packaging Options: 20 kg bags
- ◆ Bulk Packaging Options: 450 kg flexible intermediate bulk containers (FIBC)

For information on product-specific storage conditions, please refer to the applicable Safety Data Sheet (SDS) available from your Cabot representative.

A Cabot issued food contact statement for VULCAN 9A32 specialty carbon black is available from your Cabot representative.



www.cabotcorp.com

NORTH AMERICA

Cabot Corporation Business
and Technical Center
157 Concord Road
Billerica, MA 01821-7001
USA

TEL +1 800 462 2313
FAX +1 978 670 7035

SOUTH AMERICA

Cabot Latin American
Division
Rue do Paraíso, 148 -
5ª andar
04103-000, São Paulo,
SP BRAZIL

TEL +55 11 2144 8400
FAX +55 11 3253 0051

EUROPE

SIA Cabot Latvia
101 Mukusalas Street
Rīga, LV-1004,
LATVIA

TEL +371 6705 0984
TEL +371 6705 0900
FAX +371 6705 0985

MIDDLE EAST/AFRICA

Cabot Specialty Chemicals
Jebel Ali Free Zone
LOB 15, Office 424
Dubai
UNITED ARAB EMIRATES

TEL +971 4 8671 800
FAX +971 4 8671 801

ASIA PACIFIC

Cabot China Ltd.
558 Shuangbai Road
Shanghai 201106,
CHINA

TEL +86 21 5175 8800
FAX +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

TEL +81 3 6820 0255
FAX +81 3 5425 4500

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