

# BLACK PEARLS® 280 Specialty Carbon Black



### Product Highlights

BLACK PEARLS 280 specialty carbon black is a general purpose carbon black suitable for a variety of tinting, coloring, and UV applications.

### Key Applications

#### Plastics

BLACK PEARLS 280 specialty carbon black is an effective opacifying agent for extruded films and is also widely used in UV applications such as utility pipe and agricultural film. In addition, it delivers good jetness and bluetone in a variety of general purpose molded plastics parts.

#### Coatings

BLACK PEARLS 280 specialty carbon black is suitable for underbody/underhood automotive coatings as well as general industrial coatings where high jetness is not required. It is also suitable for use as a tinting black as its relatively large particle size allows for high loading.

#### Printing Inks

BLACK PEARLS 280 specialty carbon black is a high structure general purpose pigment black that is broadly applicable in a variety of inks. It is particularly suitable for lithographic and gravure printing where a matte finish is required. This pigment black offers very blue undertone and excellent dispersability.

The product attributes also make BLACK PEARLS 280 specialty carbon black suitable for a variety of applications including:

- ◆ Concrete and cement
- ◆ General dispersions and paper applications

### Performance Features

BLACK PEARLS 280 specialty carbon black offers ease of dispersion and delivers good color, UV, and tinting performance. Its high structure combined with a low surface area makes it one of the easiest to disperse Cabot carbon blacks.

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## Typical Properties

PROPERTY	TYPICAL VALUES	TEST METHOD
Iodine number (mg/g)	43	ASTM D-1510
OAN (cc/100g)	121	ASTM D-2414
Tint (%)	60	ASTM D-3265
325 Mesh residue (PPM)	<200	ASTM D-1514
Density @ 23 °C (kg/m <sup>3</sup> )	365	ASTM D-1513

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.

### Product Form & Logistics

- ◆ Product Form: Pellets (A non-pelletized carbon black with similar morphology is available as MONARCH® 280 specialty carbon black)
- ◆ Regional availability: Global
- ◆ Bag Packaging Options: 25 kg bags
- ◆ Bulk Packaging Options: multiple

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



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