

BLACK PEARLS[®] 800 Specialty Carbon Black



Product Highlights

BLACK PEARLS 800 specialty carbon black sets the industry standard for high jetness black coloration of plastic parts used in diverse, high value, aesthetic applications including automotive and electronics. It is also used in applications where black coloration but low carbon black loadings are required.

Key Applications

BLACK PEARLS 800 specialty carbon black offers an excellent balance of aesthetic performance characteristics, including high jetness and strong blue undertone, and low masterbatch viscosity. These attributes make this product optimal for black coloration of visible molded parts where aesthetic quality is crucial. It can be used for non-matched, high-jetness black color as well as for black color matching. It is appropriate for use across a broad array of resins and molding applications including:

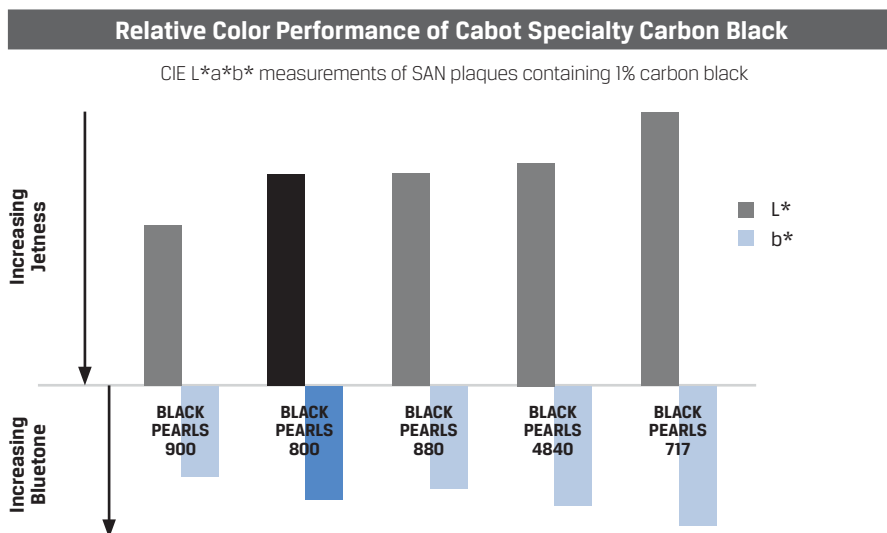
- ◆ Automotive interiors
- ◆ Consumer electronics
- ◆ Home appliances

BLACK PEARLS 800 specialty carbon black can be used in resins for aesthetic applications, including ABS and other styrenics, PC and PC blends, PP, PE, and TPOs. It is also an excellent choice for deep black coloration of polymers that may be sensitive to addition of carbon black, including PA, polyesters, and POM. BLACK PEARLS 800 specialty carbon black is a pelletized product. A non-pelletized carbon black having similar morphology is available in an easier-to-disperse fluffy form as MONARCH 800 specialty carbon black.

Performance Features

- ◆ Industry benchmark for high jetness and excellent blue undertone
- ◆ Low masterbatch viscosity (which enables high masterbatch loading)
- ◆ Very good dispersability
- ◆ Imparts very good molded part surface quality

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Typical Properties

PROPERTY	VALUE	TEST METHOD
Iodine number	258 mg/g	ASTM D-1510
OAN	65 cc/100g	ASTM D-2414
325 Mesh residue	< 200 ppm	ASTM D-1514
Moisture as packed	< 3.0 %	ASTM D-1509
Density @ 23°C	430 kg/m ³	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 and Logistics**
- ◆ Product Form: Pellets
 - ◆ Regional Availability: Global
 - ◆ Bag Packaging Options: 20 kg polyethylene-lined paper
 - ◆ Bulk Packaging Options: 450 kg FIBC



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 - 5º andar
 04103-000, Sao Paulo, SP BRAZIL
TEL +55 11 2144 6400
FAX +55 11 3253 0051

EUROPE
 SIA Cabot Latvia
 101 Mukusalas Street
 Riga, 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 8871 800
FAX +971 4 8871 801

ASIA PACIFIC
 Cabot China Ltd.
 558 Shuangbai Road
 Shanghai 201108, CHINA
TEL +86 21 5175 8800
FAX +86 21 6434 5532

JAPAN
 Cabot Specialty Chemicals, Inc.
 Sumitomo Chiba-Daimon Bldg. 3 F
 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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