

## BLACK PEARLS<sup>®</sup> 880 Specialty Carbon Black



### Product Highlights

BLACK PEARLS 880 specialty carbon black delivers very high-jetness black coloration of plastics as well as excellent surface quality and retention of polymer mechanical properties. It can be used in many high value, aesthetic applications where high levels of carbon black dispersion are required, including automotive and electronics molded parts.

### Key Applications

BLACK PEARLS 880 specialty carbon black is designed to be highly dispersible and to deliver jetness performance close to that of Cabot's industry benchmark product BLACK PEARLS 800 specialty carbon black. The performance benefits of BLACK PEARLS 880 specialty carbon black make it an excellent choice in aesthetically demanding applications that require deep black color, good surface quality, and retention of mechanical properties. It is particularly well-suited for high-jetness formulations in which processors typically have difficulty dispersing carbon black. It can be used across a broad array of resins and molding applications including:

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

BLACK PEARLS 880 specialty carbon black can be used in resins for aesthetic applications including ABS, PC blends, PA, POM, PP, and TPOs. BLACK PEARLS 880 specialty carbon black is a pelletized product. A non-pelletized carbon black having similar morphology is available in an even more easily dispersible fluffy form as MONARCH 880 specialty carbon black.

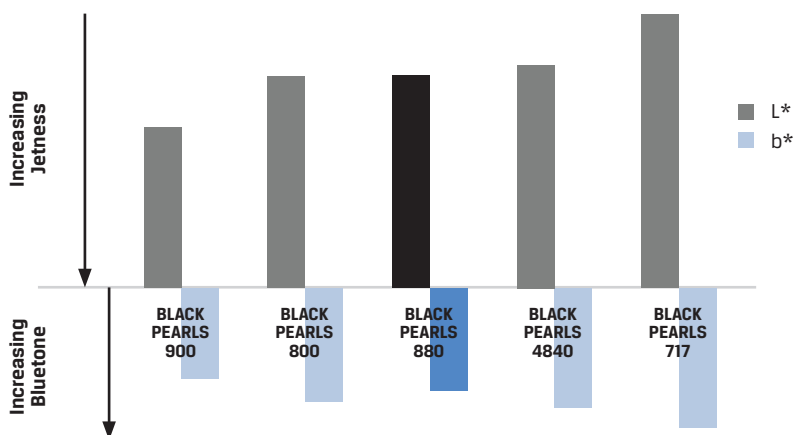
### Performance Features

- ◆ Excellent jetness and blue undertone
- ◆ Excellent dispersibility

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## Relative Color Performance of Cabot Specialty Carbon Black

CIE L\*a\*b\* measurements of SAN plaques containing 1% carbon black



## Typical Properties

PROPERTY	VALUE	TEST METHOD
Iodine number	258 mg/g	ASTM D-1510
OAN	105 cc/100g	ASTM D-2414
325 Mesh residue	< 100 ppm	ASTM D-1514
Moisture as packed	< 3.0 %	ASTM D-1509
Density @ 23°C	335 kg/m <sup>3</sup>	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



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