

**HIGH PURITY FURNACE BLACK
FOR FDA APPLICATIONS**



BLACK PEARLS® 4350



The U.S. Food & Drug Administration (FDA) has listed high purity furnace blacks for use as colorant for polymers in contact with food¹. The purity requirements are:

- Total polynuclear aromatic hydrocarbons (PAHs) not to exceed 0.5 parts per million (ppm)
- Benzo[a]pyrene not to exceed 5.0 parts per billion (ppb)²

The high purity furnace blacks may be used at levels not to exceed 2.5% by weight of the polymer.

To ensure BLACK PEARLS® 4350 meets the FDA's purity standards, Cabot employs stringent, statistically sound, quality control practices during manufacturing.

Typical Applications and Performance Features

Cabot has developed BLACK PEARLS 4350 as part of the company's commitment to meet the demands of the plastics industry and providing solutions to previously unsolvable design and processing challenges. BLACK PEARLS 4350 can also be used as pigment in general dispersions.

BLACK PEARLS 4350 provides a medium level of jetness and blue undertone combined with an excellent dispersability and masterbatch dilutability.

BLACK PEARLS 4350 is available in a pelleted form.

Typical Properties

I2No (mg/g)	116
OAN (ml/100g)	70
Moisture (%)	<1.0
Total PAH (ppm)	<0.5
Pyrene (ppb)	<5.0

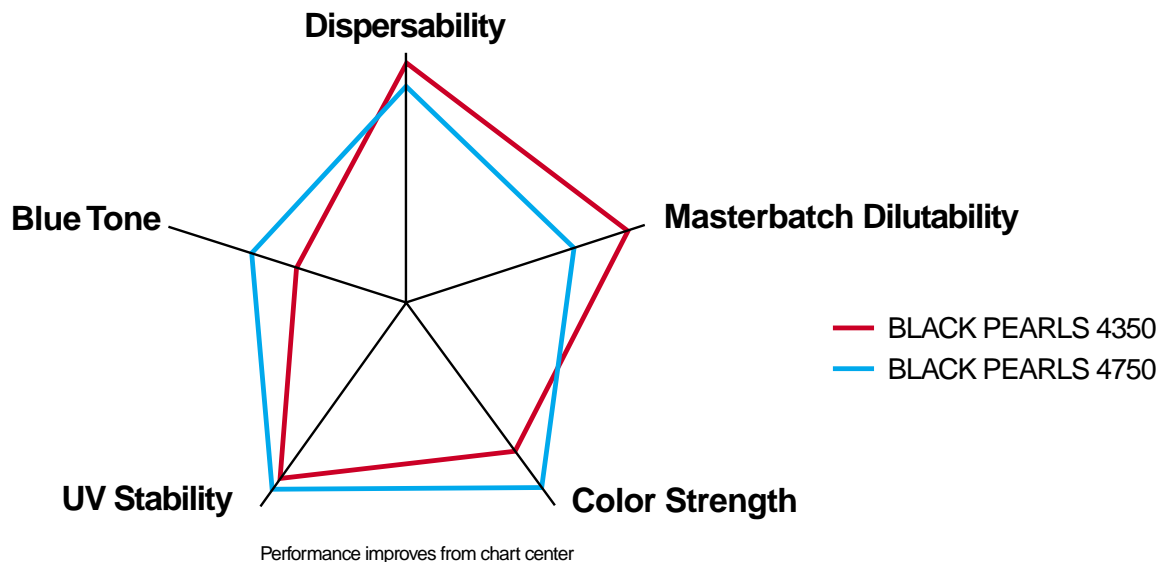
¹Chapter 21 of the Code of Federal Regulations Section 178.3297 addresses colorants for polymers

²As determined by the analytical method developed by Cabot and adopted by the FDA

Standard Packaging Options

Bag	20 kg poly
IBC	1,000 lb





MSDS

Material Safety Data Sheet is available from the Regional Sales Office. The location of the nearest Sales Office can be found at the foot of this document.

Notice and Disclaimer. The data and conclusions contained herein are based on work believed to be reliable; however, Cabot cannot and does not guarantee that similar results and/or conclusions will be obtained by others. This information is provided as a convenience and for informational purposes only. No guarantee or warranty as to this information, or any product to which it relates, is given or implied. CABOT DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AS TO (i) SUCH INFORMATION, (ii) ANY PRODUCT OR (iii) INTELLECTUAL PROPERTY INFRINGEMENT. In no event is Cabot responsible for, and Cabot does not accept and hereby disclaims liability for, any damages, whatsoever in connection with the use of or reliance on this information or any product to which it relates.

NORTH AMERICA

Cabot Corporation
157 Concord Road
PO Box 7001
Billerica, MA USA 01821
Tel: +1 978 663 3455
Fax: +1 978 670 7035

SOUTH AMERICA

Cabot Brasil Ind. Com. Ltda
Av. Joao Castadi, 88-Moema
04517-050-Sao Paulo-SP
Brazil
Tel: +55 11 5091 8300
Fax: +55 11 5042 6037

MIDDLE EAST/AFRICA

Cabot Specialty Chem. Inc.
Jebel Ali Free Zone
PO Box 17894
Dubai
United Arab Emirates
Tel: +971 4 8871 800
Fax: +971 4 8871 801

EUROPE

Cabot
Interleuvenlaan 15 I
B - 3001 Leuven
Belgium
Tel: +32 16 39 24 00
Fax: +32 16 39 24 44

ASIA PACIFIC

Cabot Speciality Chemicals, Inc.
Level 21,
MNI Tower 2
11, Jalan Pinang
50450 Kuala Lumpur
Malaysia
Tel: +60 3 2164 8352
Fax: +60 3 2162 0253

CHINA

Cabot Speciality Chemicals, Inc.
Shanghai Rep. Office
558 Shuangbai Road
Shanghai 201108
China
Tel: +86 21 6434 7766
Fax: +86 21 6434 5532