

BLACK PEARLS 1180 HD SPECIALTY CARBON BLACK

BLACK PEARLS 1180 HD specialty carbon black is designed for use in engineering and high-performance thermoplastics. BLACK PEARLS 1180 HD specialty carbon black enables an unprecedented combination of high jetness and mechanical strength in plastic compounds.



Product features

- ◆ Tailored for use in high performance and engineering thermoplastics requiring high mechanical strength
- ◆ Achieves highest jetness among Cabot's specialty carbon blacks for plastics at very low loadings
- ◆ Designed for improved dispersion in polar resins (e.g. polyamides, polyesters, polycarbonates)

Product benefits

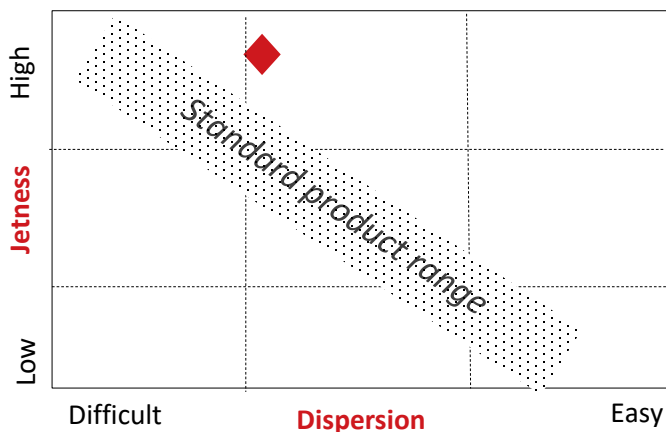
- ◆ Allows compounders to break the traditional tradeoff between color performance and dispersibility
- ◆ Minimizes the loss of mechanical strength thanks to reduced loadings and better dispersion, thus enabling dark black plastic compounds to retain unprecedented impact and tensile behavior
- ◆ Higher retention of mechanical properties allows metal replacement and thinner wall molding, thus enabling designers to meet lightweighting needs and objectives

Key applications

- ◆ Automotive parts (interior, exterior, under-the-hood) with high mechanical strength requirements
- ◆ Electrical engineering & electronics parts (E&E)
- ◆ Household appliances
- ◆ Industrial and other technical applications

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Product positioning



◆ BLACK PEARLS 1180 HD specialty carbon

Product form and anticipated logistics following commercialization

- ◆ Product form: pellets
- ◆ Regional availability: global
- ◆ Packaging options: 20 kg poly lined paper bags

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

BLACK PEARLS is a registered trademark of Cabot Corporation.

NORTH AMERICA

Business & Technology Center
157 Concord Road
Billerica, MA 01821-7001
United States
T +1 800 462 2313
F +1 978 670 7035

SOUTH AMERICA

Cabot Brasil Industria e
Comercio Ltda.
Rua do Paraíso 148 - 5º andar
04103-000 São Paulo
Brazil
T +55 11 2144 6400
F +55 11 3253 0051

EUROPE

SIA Cabot Latvia
101 Mukusalas Street
LV-1004 Riga
Latvia
T +371 670 50 900
F +371 670 50 985

MIDDLE EAST/AFRICA

Cabot Specialty Chemicals
Jebel Ali Free Zone
LOB 15, Office 424, Dubai
United Arab Emirates
T +971 4 8871 800
F +971 4 8871 801

ASIA PACIFIC

Cabot China Ltd.
558 Shuangbai Road
Minghang District
Shanghai 201108
China
T +86 21 5175 8800
F +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
T +81 6820 0255
F +81 3 5425 4500

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