

BLACK PEARLS[®] 1180HD SPECIALTY CARBON BLACK

BLACK PEARLS[®] 1180HD specialty carbon black is designed for use in engineering and high-performance thermoplastics. BLACK PEARLS[®] 1180HD 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)

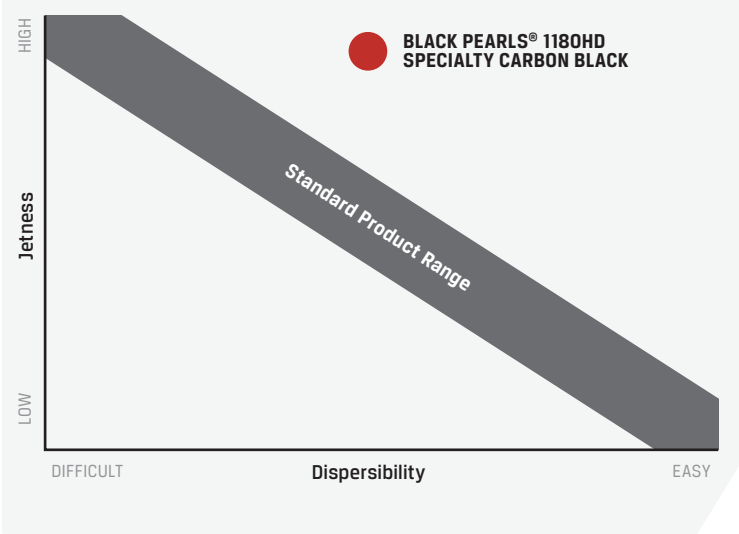
PRODUCT BENEFITS

- ◆ 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

PRODUCT POSITIONING



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.

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