

EMPEROR® 1600



EMPEROR 1600 is a high color black pigment designed especially to impart very high jet masstone, easy dispersability, and good blue undertone performance in solvent borne automotive, consumer electronics, coil, and high end industrial coatings.

Application Information:

Liquid Coatings

EMPEROR 1600 high color black pigment is engineered for use in solvent based coatings requiring high jetness such as automotive, consumer electronics, coil, and high end industrial applications. Its small particles provide excellent jetness and UV absorption for good exterior durability.

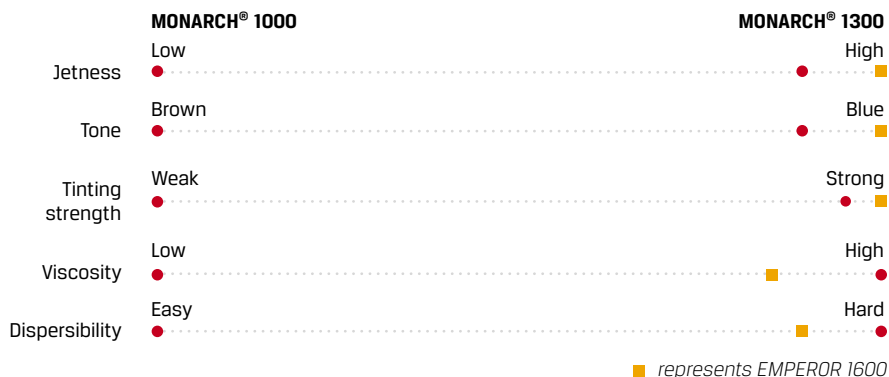
Its high structure and surface treatment enhance the dispersibility of EMPEROR 1600 black pigment. The dispersion level depends on the equipment and the formulation. Good dispersion requires adequate wetting in a premix of solvents, dispersants and a minimum of resin in a high speed disperser followed by grinding in an attritor or horizontal mill with ceramic beads. The required dispersant level depends on the formulation, and ranges from 20% to 60% weight on pigment.

EMPEROR 1600 features Cabot's proprietary Softbead™ technology. Products with Softbead technology disperse as easily as powder carbon blacks. Softbead technology improves industrial hygiene by reducing dust levels associated with the transport and processing of powder-form carbon black. They also wet-out more quickly and are much easier to convey than standard powders.

EMPEROR 1600 features Softbead technology pellet with a bulk density of 20 lbs/ft³ (320 g/L).

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Performance Comparison to Other High Color Pigment Blacks



Packaging options

Multi unit	Intermediate	Bulk
10 Kg paper	Not available	Not available

MSDS

Material Safety Data Sheets are available from all regional sales offices. The location of the nearest sales office can be found below.



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