

Aniline Black BS 890

Characteristic physico-chemical data*)

Properties and test methods	Unit	Value
Color shade		close to standard
Tint strength	%	95 - 105
pH (10 g pigment / 250 ml H ₂ O)		6.0 - 8.0
Chromium content	ppm	250 max.
Specific gravity	g / cm ³	approx. 2.0
Bulk density	g / cm ³	approx. 0.36
Oil absorption		approx. 104 g / 100 g
Thermal stability		approx. 200° C

*) The given are typical values.
Specifications on request.

Aniline Black is one of the oldest synthetic organic pigments, based on the oxidation of aniline. This pigment produces a deep black color with a distinctive dark red undertone. Because of the particle size the hiding power and tinting strength are relatively low compared to Carbon Black Pigments. Aniline Black absorbs as organic pigment less UV-Light than carbon black, thus it shows especially advantages in UV-coatings.

The following benefits are offered when Aniline Black BS 890 is used:

- characteristic deep black with red undertone
- low oil absorption compared to Carbon Black Pigments
- good temperature stability
- excellent compatibility with unsaturated polyester resins
- very suitable for deep black UV-curing-systems
- can achieve deep black matt printing

Properties and applications

This grade is designed for use in:

- UV-curing-systems
- unsaturated polyester resin systems
- printing inks
- furniture coatings
- leather coatings

Packaging and storage

For details regarding our packaging options for this product, please contact your local sales representative.

We recommend storing the product in sealed containers in a dry area protected from volatile substances. The product should be used within two years after production date. Even if the product is kept under proper storage conditions it is advised to verify usability after the aforementioned storage period to ensure that product and application properties remain unaltered.

Safety and handling

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from: Evonik Resource Efficiency GmbH, Product Safety Department, E-Mail: sds-hu@evonik.com. We recommend to read carefully the material safety data sheet prior to the use of our product.

Registrations

Aniline Black BS 890

CAS- No.	13007-86-8
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