Technical Data Sheet



BAYSCRIPT® Black N liq.

General properties Highly purified, low salt grade black dye mixture

Very good filtration properties (0.45 μm)

High color strength

Can be shaded with red direct dyes for neutral black

Color Index Part I Direct Black mixture

Color Index Part II –

Chemical classDisazo dyesAppearanceBlack liquidDye content $\approx 23\%$ Color strength tolerance $\pm 5\%$ SolventWater

Surface tension > 50 mN/m

pH (form supplied) 8-9

Viscosity < 10 mPas

Filterability (0.45 µm filter) ≤ 0.01% residue

Lightfastness 3

Solubility (g/L at 25 °C) Water___miscible

Glycols___miscible

lon content (ppm) Chloride < 500 Sulfate < 3000

Calcium< 40 Magnesium< 20

Silicon< 30Iron< 20

Copper< 20

Applications Water-based inks

Thermal and piezo ink-jet printing

Office supplies

Fine liner inks, fountain-pen inks

Writing instruments

Especially suitable for industrial ink-jet printing & barcoding

Stability Storage stability: 24 months from delivery ex plant.

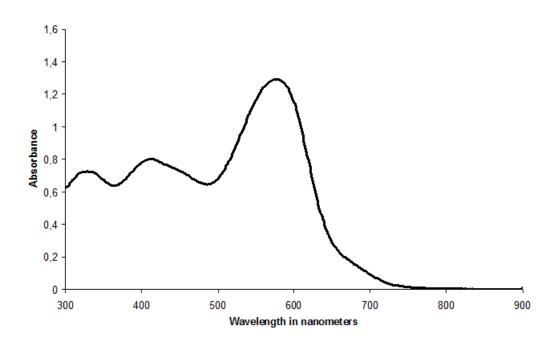
Protect from freezing.

BAYSCRIPT® N liq. is stable against weak acids and bases.



Absorbance curve

BAYSCRIPT® Black N liq. in water



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LANXESS Deutschland GmbH Business Unit Rhein Chemie Additives Kennedyplatz 1 50569 Cologne, Germany http://rch.lanxess.com

