

## Product Information

May 2005

### Nigrosine W liquid

#### Neutral black dyestuff for ink, polishes and other applications

#### General properties

- The Color Index number is listed in the German cosmetics legislation of October 07, 1997.

#### Applications\*

- Water-based inks
- Office supplies
- Polishes
- Wood stains
- Aqueous resins (urea formaldehyde, melamine formaldehyde, phenol formaldehyde)
- Graphite dispersion

\* As with any product, use of the product mentioned in this publication in a given application must be tested (including field testing etc.) by the user in advance to determine suitability.

#### Stability

- Storage stability: 12 months from delivery ex plant.
- Below 0°C the aqueous solution freezes; the thawed solution can be used after stirring without loss of quality.

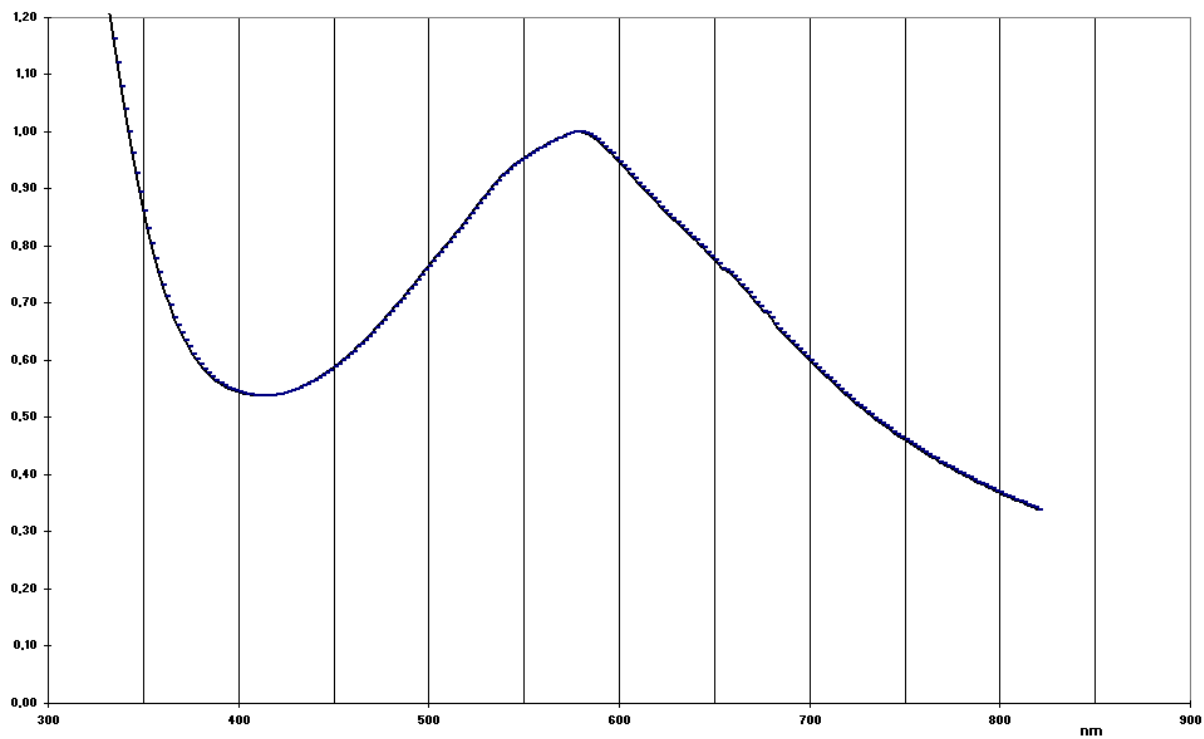
#### Properties\*\*

Color Index Part I .....	Acid Black 2
Constitution number (C.I. Part II) .....	50420
Chemical class .....	Sulfonated Phenazine
Appearance .....	Black liquid
Solvent .....	Water
Dye content .....	~ 23%
Color strength tolerance .....	± 5%
pH (form supplied) .....	11 – 13
Lightfastness (DIN 54004) .....	3
Surface tension (DIN 53914, 3% in water)	> 50 mN/m
Solubility (g/L at 25 °C)	
Water .....	miscible
Diethylene glycol .....	miscible

\*\* These items are provided as general information only. They are approximate values and not considered part of the product specification.

# Absorbance curve

## Nigrosine W liquid in water



### Health & Safety Information

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling the LANXESS products mentioned in this publication. Before working with any of these products, you must read and become familiar with the available information on their hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, *e.g.*, [material safety data sheets and product labels](#). Consult your LANXESS Deutschland GmbH Functional Chemicals Division representative or contact LANXESS's HSE department in Leverkusen, Germany.

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Note: The information contained in this bulletin is current as of March 2005. Please contact LANXESS Deutschland GmbH, Leverkusen to determine if this publication has been revised.