

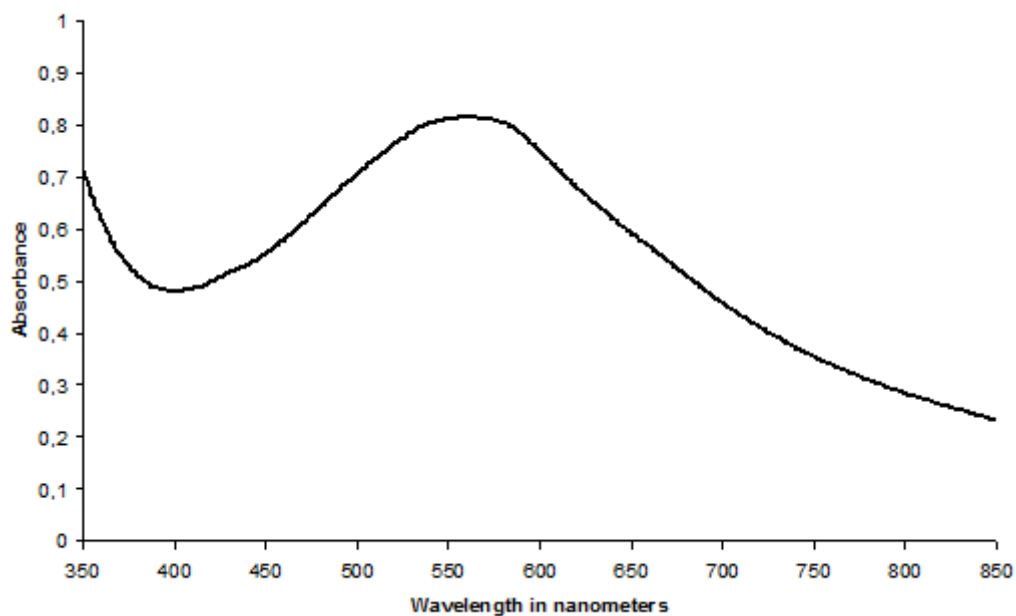
## NIGROSIN WLF 01 Crystal

|                                     |  |
|-------------------------------------|--|
| <b>General properties</b>           | Neutral black dyestuff for inks, resins and wax emulsions<br>Low-dusting solid Acid Black 2 dye<br>Purified grade is available as Nigrosin WLF powder, liquid as Nigrosin W liquid |
| <b>Color Index Part I</b>           | Acid Black 2   |
| <b>Color Index Part II</b>          | 50420  |
| <b>Chemical class</b>               | Sulfonated Phenazine   |
| <b>Appearance</b>                   | Fine black crystals  |
| <b>Color strength tolerance</b>     | ± 5%   |
| <b>pH (10% in water)</b>            | 7.0 – 9.0  |
| <b>Lightfastness</b>                | 3  |
| <b>Ash (TGA)</b>                    | ≤ 19%  |
| <b>Inorganic chlorine content</b>   | < 2.5%   |
| <b>Area of melting temperatures</b> | > 250 °C   |
| <b>Solubility (g/L at 25 °C)</b>    | Water _____ 100  |
| <b>Applications</b>                 | Water-based inks<br>Wax emulsions for shoe polishes<br>Aqueous resins (Urea formaldehyde, melamine, formaldehyde, phenol formaldehyde)   |
| <b>Stability</b>                    | Storage stability: 60 months from delivery ex plant.   |



## Absorbance curve

### Nigrosin WLF 01 Crystal in water



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