

SPECIAL Black SP liq.

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| General properties | Economical reddish black dyestuff for printing & ink applications with high tinting strength Excellent compatibility with common ink jet and stationery ink ingredients Very good filtration properties (0.45 µm) High color strength at an economical price |
| Color Index Part I | Direct Black mixture |
| Color Index Part II | – |
| Chemical class | Disazo dyes |
| Appearance | Black liquid |
| Dye content | ≈ 30% |
| Color strength tolerance | ± 2.5% |
| Solvent | Water |
| Surface tension | > 50 mN/m |
| pH (form supplied) | 7.5 – 9.0 |
| Viscosity | < 10 mPas |
| Filterability (0.45 µm filter) | ≤ 0.01% residue |
| Lightfastness | 3 |
| Solubility (g/L at 25 °C) | Water_____miscible Glycols____miscible |
| Ion content (ppm) | Chloride < 1000 Sulfate < 3000 Calcium < 40 Magnesium < 20 Silicon < 30 Iron < 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. |



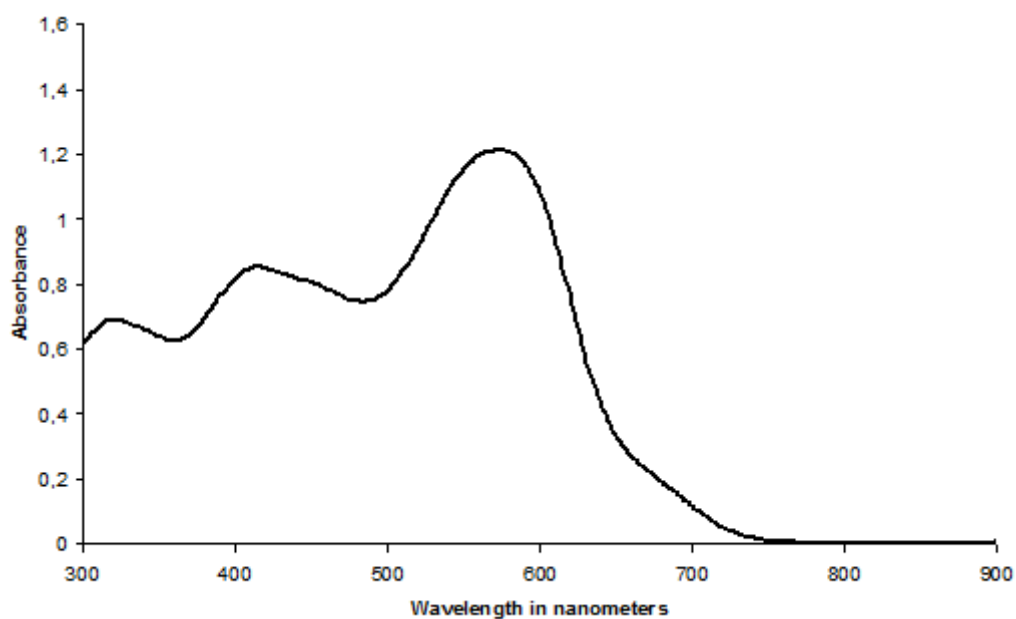
Protect from freezing.

Special Black SP liq. is stable against weak acids and bases.



Absorbance curve

Special Black SP liq. in water



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