

Tinopal® SFP

Product description Fluorescent optical brightener.

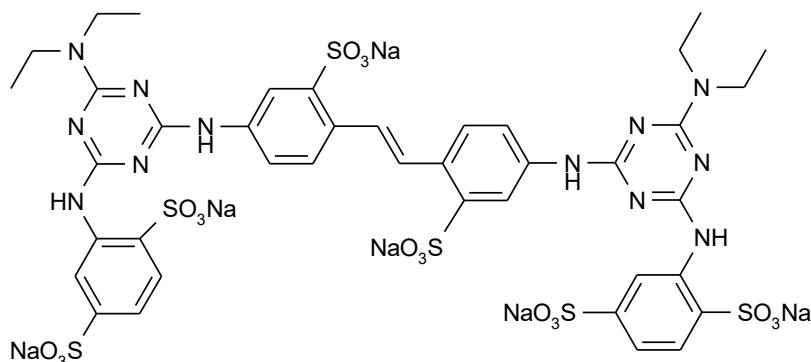
Key benefits Tinopal® SFP is a fluorescent optical brightener that shows

- Brilliant bluish whitening effects
- Anti-stain properties
- Excellent solubility in water

Chemical nature Hexasodium 2,2'-[vinylenebis[(3-sulphonato-4,1-phenylene)imino[6-(diethylamino)-1,3,5-triazine-4,2-diy]]imino]]bis(benzene-1,4-disulphonate)

CAS number 41098-56-0

Structure



Molecular weight 1,305 g/mol

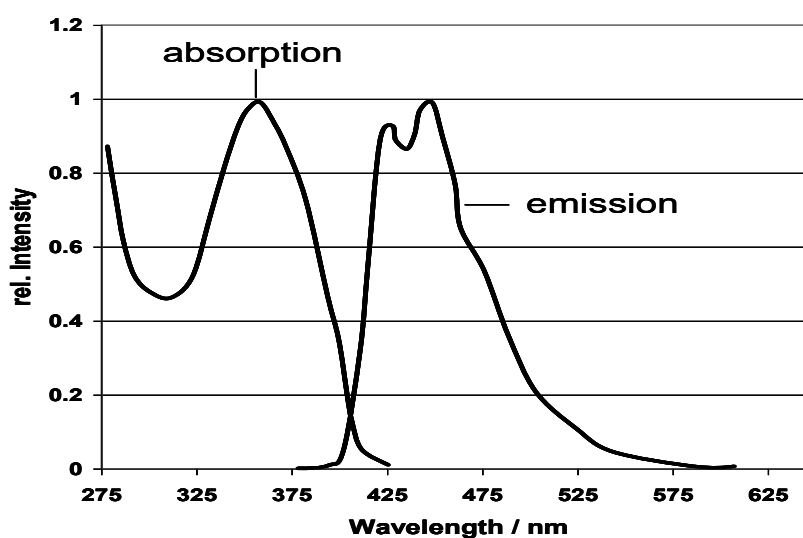
Properties

Physical form Light yellow powder

Typical Properties	pH in de-ionized water at 20 °C	8.0 – 10.5
	Solubility at 20 °C in de-ionized water	> 100 g/ 100 g solution
	Iron content	< 25 ppm

Absorption and emission spectra

In a 1:1 blend of dimethyl formamide and water, cell thickness = 1 cm



Application

Tinopal® SFP is recommended for use in photographic color developer baths to enhance the apparent whiteness of processed color prints. In this application the product may act as both an optical brightener and as an anti-stain agent.

The high water solubility of Tinopal® SFP allows an easy incorporation of the product into the so-called Part A of a typical color developer. It is recommended to dissolve the quantity of Tinopal® SFP in water and then to add the organic solvent to the solution.

All processing solutions containing Tinopal® SFP should be stored in the dark to prevent photodecomposition.

Recommended concentrations

0.5 – 1.0 g/l color developer at working strength, depending on the type of color paper to be processed and the type of color developer used 0.5 – 1.0 g/l color developer at working strength, depending on the type of color paper to be processed and the type of color developer used.

Storage

Tinopal® SFP shall be stored in its tightly sealed original packaging at temperatures between 5 °C and 40 °C.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

® = Registered trademark

™ = Trademark of the BASF Group, unless otherwise noted

BASF SE
Dispersions Europe
67056 Ludwigshafen, Germany
www.basf.com/resins