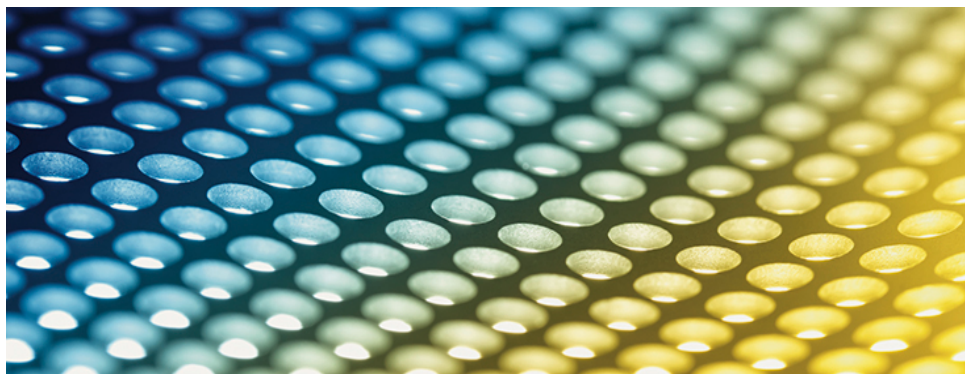


**SANODYE®
BLUE 2LW
GRANULATED**



SANODYE BLUE 2LW GRANULATED IS A HOMOGENEOUS, WATER-SOLUBLE DYE WHICH IS DISTINGUISHED BY OUTSTANDING FASTNESS TO LIGHT, WEATHER AND HEAT

SANODYE BLUE 2LW GRANULATED IS SUITABLE FOR INTERIOR AND EXTERIOR ARCHITECTURAL PURPOSES

1. DYE-SPECIFIC DATA

Commercial form:	Fine granules
Shade:	Pale blue to navy
Chemical character:	Anthraquinone dye, not metallized
Bulking volume:	750 g/l
Solubility in water:	5 g/l at 20 °C
Storage stability:	10 years
Ecotoxicological data:	See safety data sheet

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2. APPLICATION CONDITIONS

	CONCENTRATION g/l	DYEING TEMPERATURE °C	DYEING TIME min
Standard coating thickness (12 µm)	0.05-3	25-60	10-20
Sanodal coating thickness (25 µm)	3	25-35	45-60

pH: 5.5 ± 0.5

Buffer: The dyebaths are preferably buffered with
8 g/l ammonium acetate
0.5 ml/l acetic acid, pH 5.6

Water quality: Preferably deionized

Sealing: Preferably with Anodal® ASL
(one or two stage)

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3. PREPARATION OF THE DYEBATH

When preparing the dyebath care must be taken that the dye is well dissolved. The dye is preferably dissolved in hot water (80 °C) in a separate container (5 parts water to 1 part dye). This stock solution is then stirred into the dyebath.

4. LIGHT FASTNESS OF THE DYEINGS

Sanodye Blue 2LW Granulated is distinguished by outstanding light fastness.

Light fastness (Sanodal coating thickness 25µm): Rating > 9 (ISO 2135)

5. SPECIAL REMARKS

- Unsealed dyeing can be stripped with nitric acid
- The dyebaths are sensitive to aluminum; anodized objects should therefore be rinsed thoroughly before dyeing

- **Prevention of mould formation:**
We recommend the addition of a suitable antimicrobial product

6. DISPOSAL OF THE DYE BATHS

Spent dyebaths must be disposed of; e.g. with Anodal WT-1 Liquid. The precipitation method is described in the technical information bulletin for Anodal WT-1 Liquid.

The table below gives the dosages necessary for precipitating Sanodye Blue 2LW Granulated.

PRECIPITATION METHOD	FeCl ₃ , 40 % ml/g dye	ETCHING LYE ml/g dye	ANODAL WT-1 LIQUID ml/g dye	RESIDUAL DYE IN THE FILTRATE mg/l	DYE REDUCTION RELATED TO CONC. DYE BATH mg/l
A	2.5	–	0.6	< 1	> 99.9
B	2.5	–	0.6	< 1	> 99.9
C	–	2.5	1.0	~ 4.5	~ 99.8

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