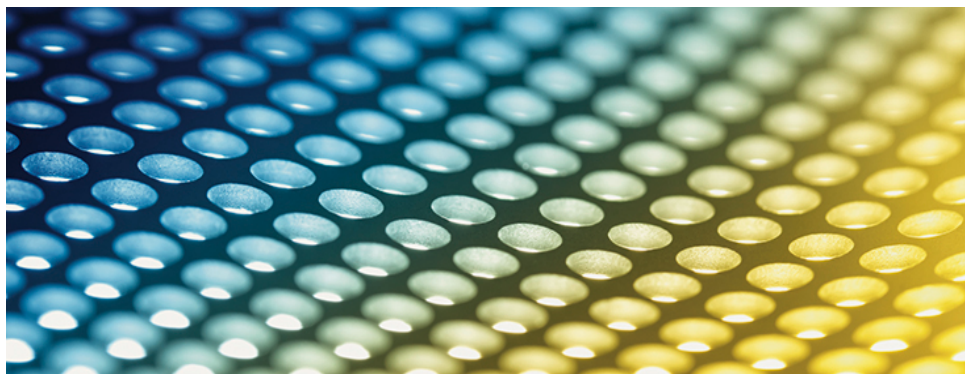


**SANODYE®
BLUE G**



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

SANODYE BLUE G IS SUITABLE FOR INTERIOR AND EXTERIOR ARCHITECTURAL PURPOSES

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1. DYE-SPECIFIC DATA

Commercial form:	Fine granules
Shade:	Pale blue to navy
Chemical character:	Anthraquinone dye, not metallized
Bulking volume:	700 g/l
Solubility in water:	3 g/l at 20 °C
Storage stability:	10 years
Ecotoxicological data:	See safety data sheet

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	30-40	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 (60-80 °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 G 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 dye baths 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 G.

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	–	0.3	< 1	> 99.9
B	2.5	–	0.3	< 1	> 99.9
C	–	2.5	0.5	~ 2	~ 99.9

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