



Sanodal[®] Blue 2LW Granulated

Sanodal Blue 2LW Granulated is a homogeneous, water-soluble dye which is distinguished by outstanding fastness to light, weather and heat.

Sanodal 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 :	virtually unlimited, store containers closed tightly
Ecotoxicological data :	see Safety Data Sheet.

2. Application conditions

	Concentration	Dyeing temperature	Dyeing time
Standard coating thickness (12 µm)	0.05 - 3 g/l	25 - 60°C	10 - 20 min
Sanodal coating thickness (25 µm)	3 g/l	25 - 35°C	45 - 60 min

pH :	5.5 ± 0.5
Buffer :	The dyebaths are preferably buffered with 5 g/l ammonium acetate + 0.5 ml/l acetic acid for pH 5.6
Water quality :	preferably deionized
Sealing :	preferably with Sealing Salt ASL (one or two stage).

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. Lightfastness of the dyeings

Sanodal Blue 2LW Granulated is distinguished by outstanding lightfastness.

Lightfastness of **Sanodal** dyeings: rating > 9 (ISO 2135).

5. Special remarks

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

6. Disposal of the dyebaths

Spent dyebaths must be disposed of; e.g. with **Anodal® WT-1 Liquid**. The precipitation method is described in detail in the Technical Information bulletin for **Anodal WT-1 Liquid**.

The table below shows the additions required for precipitating **Sanodal 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 in % related to conc. dyebath
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

Many of their dyestuffs, pigments and chemicals are patented by Clariant in numerous industrial countries.

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The signs ®, ®* and ®+ appear only at the first mention of the product.

The information and recommendations presented here were compiled with the utmost care, but cannot be extended to cover every possible case. They are intended to serve as non-binding guidelines and must be adapted to the prevailing conditions.