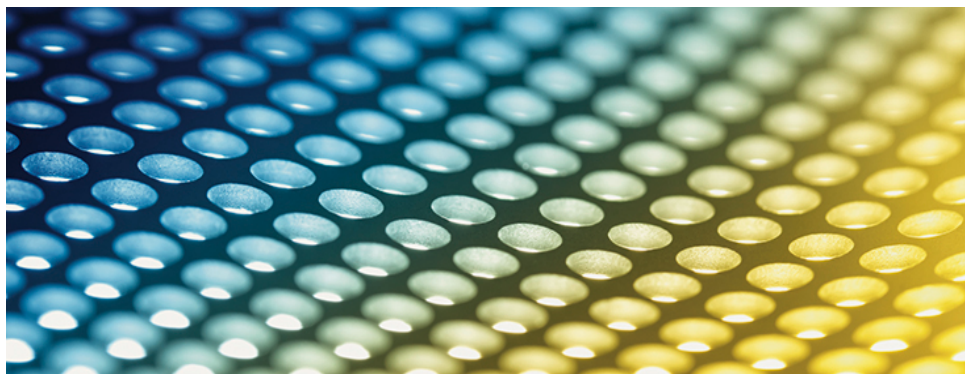


## SANODAL® TURQUOISE PLW LIQUID



**SANODAL TURQUOISE PLW LIQUID IS A HOMOGENEOUS CHLORIDE AND SULPHAT-FREE DYE WHICH IS DISTINGUISHED BY OUTSTANDING FASTNESS TO LIGHT, WEATHER AND HEAT**

Sanodal Turquoise PLW Liquid is suitable for interior and exterior architectural purposes.

### 1. DYE-SPECIFIC DATA

Commercial form:	Dark blue liquid
Shade:	Turquoise
Chemical character:	Phthalocyanine dye, heavy metal complex
Bulking volume:	1110 g/l
Solubility in water:	Unlimited
Storage stability:	5 years
Ecotoxicological data:	See safety data sheet

CLARIANT INTERNATIONAL LTD

Rothausstrasse 61  
4132 Muttenz  
Switzerland

BUSINESS UNIT PIGMENTS  
MARKETING AND SALES PLASTICS  
AND SPECIAL APPLICATIONS  
Phone +41 (0)61 469 79 45  
Fax +41 (0)61 469 75 40

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## 2. APPLICATION CONDITIONS

	CONCENTRATION g/l	DYEING TEMPERATURE °C	DYEING TIME min
Standard coating thickness (12 µm)	0.05-5	55-60	10-20
Sanodal coating thickness (25 µm)	5-6	55-60	30-45

pH: 5.5 ± 0.5

Buffer: The dyebaths are preferably buffered with  
8 g/l sodium acetate trihydrate  
0.4 ml/l acetic acid, pH 5.6  
or  
5 g/l ammonium acetate  
0.5 ml/l acetic acid for pH 5.6

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

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## 3. PREPARATION OF THE DYEBATH

As the dye is available in dissolved form the dyebath can be prepared and reinforced by simple addition.

## 4. LIGHT FASTNESS OF THE DYEINGS

Sanodal Turquoise PLW Liquid is distinguished by outstanding light fastness.

Light fastness of Sanodal dyeings: Rating > 9 (ISO 2135)

## 5. SPECIAL REMARKS

- Unsealed dyeings are virtually unstrippable in diluted nitric or sulphuric acid. They can be stripped in nitric acid 10 % + potassium permanganate 5 %. After the treatment in potassium permanganate, neutralization must be carried out for 1-5 min in a sodium bisulphite 5 % solution

- The dyebaths are sensitive to aluminum; anodized objects should therefore be rinsed thoroughly before dyeing
- Shading  
With the exception of exterior building elements, the dye can be applied together with Sanodye Yellow 3GL for green shades
- 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 detail in the technical information bulletin for Anodal WT-1 Liquid.

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