



SANODYE® BLUE P-4R

Sanodye Blue P-4R, produces decorative green shaded blue hues ranging from light (PMS 3125C) through medium (PMS 313C). Thicker coatings will produce a significantly more saturated hue (PMS 314C). This dye is not suitable for outdoor applications.

| LIGHT FASTNESS* | | HEAT FASTNESS* | | Where: |
|------------------------|----------------------|-----------------------|----------------------|-----------------------|
| | <u>ΔE</u> | | <u>Rating</u> | |
| 200 hours | 61 | 24 hr @ 250F | 3 | 1 - No visible change |
| Fade-Ometer | | +24 hr @ 300F | 4 | 2 - Slight change |
| per MIL 8625. | <u>Rating</u> | +24 hr @ 350F | 4 | 3 - Moderate change |
| | 4 | +24 hr @ 400F | 4 | 4 - Marked change |

*0.8 mil, deep shade.

RECOMMENDED APPLICATION DETAILS:

| | |
|-----------------|--|
| Concentration: | 0.2 - 5.0 g/l |
| pH range: | 5.5 +/- 0.5 |
| Buffering: | 2% (or more) Anodal® Dye Buffer Liquid |
| Temperature: | 160° F (or higher) |
| Immersion Time: | 2 - 20 minutes |

PRECAUTIONS:

Bleeding in the seal may be a problem. Bleeding can be reduced 90% or more by buffering the dye and dyeing at highest possible temperature. Further reductions can be made by dyeing at lower concentration for extended periods of times.

ENVIRONMENTAL CONSIDERATIONS:

Sanodye Blue P-4R is a RoHS compliant dye that contains no heavy metals.

Recommendations, notices or instructions as to handling, use, storage or disposal of this product, including its use alone or in combination with other products, or as to any apparatus or process for its use are based upon information believed to be reliable. No liability is taken with respect to any such recommendations or instructions. Sole and exclusive warranty is that products comply with published chemical and physical specifications as provided on the certificate of analysis. No other warranties, either express or implied are given.