OrcoAluminum™ Olive DRB
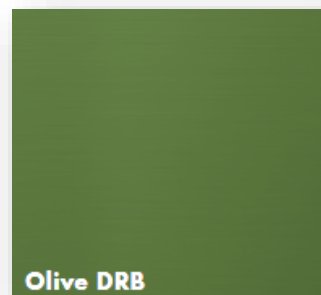

Olive DRB

OrcoAluminum™ Olive DRB is an olive drab green shade dye with very good lightfastness.

Features:
- RoHS Compliant
- Metal free anthraquinone dye
- Stable olive drab color
- Minimal bleeding during sealing
- pH Stabilized chemistry

Operating Parameters:
Concentration: 1-3 g/l
pH: 5.5 to 5.8
pH Adjustment: With dilute 10% conc. acetic acid or sodium hydroxide
Temperature: 130°F to 150°F
Time: 1 to 3 min

Operating Procedures
Maintain pH and concentration for color reproducibility from load to load.
A dilute nitric acid rinse of 5 to 10% at ambient temperature will produce uniform color.

Analysis
Maintain concentration with visual analysis against standard concentrations or analysis of solution by spectrophotometer according to ORCO Dye Analysis Document. Please consult your technical representative.

Handling and Environmental
This is a metal free dye. Please handle in accordance with local regulations.

Dye Bath Analysis
1. Use a fixed wave Spectrophotometer and set to the wavelength of least transmission (ORCO will supply that wavelength number for each color)
2. Make known standards of regular concentration, 50% below that number and 50% above that number in grams/liter
3. Pipette 5 ml of each of the standard into 1000 ml volumetric flask
4. Read the transmission vales of each of the know standards
5. Plot a curve using the transmittance values and the corresponding concentration
6. Pipette a 5 ml sample of the process dye bath and dilute to 1000 ml in a volumetric flask
7. Read the transmittance of the dye and using the graph plotted above determine the concentration of the dye.