
TECHNICAL DATA BULLETIN

Appearance: Tan powder

Description: Bright Dyes® HT-70D is an additive designed to prevent the formation of smut during high-temperature sealing. It can be used with either Bright Dyes® HT-90 sealer or self-blended nickel acetate solutions.

Recommended Concentration

2 – 4 g/L (when adding to existing sealer)

Recommended Self-Blended Formulation

Nickel Acetate: 4 g/L

HT-70D: 2 g/L

pH Buffer: 1 g/L

***Benzoic acid, boric acid, or sodium acetate recommended*

Operating Parameters

Water type: Deionized or reverse osmosis preferred

pH: 5.3 – 5.8 (Raise with ammonium hydroxide, lower with acetic acid)

Temperature: 190 – 205° F

Time: 10 – 25 minutes

Other: Filtration & moderate agitation recommended

Separate tanks recommended for clear and dyed pieces

Storage and Safety

- Store in a cool, dry location; avoid moist environments
- May cause irritation if allowed to contact skin. The use of gloves and goggles is recommended when handling this product. Consult the MSDS for more information.

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