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### TECHNICAL DATA BULLETIN

**Appearance:** Dark brown powder

**Description:** Bright Dyes® Bronze E-2LN is a popular bronze dye which is not recommended for outdoor use or prolonged UV exposure. Anodized parts colored in this dye will result in a variety of finishes, ranging from light bronze to deep red-brown.

#### Operating Parameters

Tank:	Polypropylene, plastic, or stainless steel
Water type:	Deionized or reverse osmosis preferred
Concentration:	1 – 4 g/L
Buffering:	0.5 – 1.0% Bright Dyes® 6000 Liquid Buffer
pH:	6.0 – 7.0 (Raise with ammonium hydroxide, lower with acetic acid)
Temperature:	110 – 140° F
Time:	3 – 10 minutes
Other:	Agitation recommended to maintain uniform bath temperature Rinse parts thoroughly before dyeing to avoid drag-in

#### Recommended Sealing Methods

- Bright Dyes® HT-70
- Bright Dyes® MT-90

**Light Fastness:** 6

#### Storage and Safety

- Store in a cool, dry location; avoid moist environments
- May cause irritation and some staining 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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