
TECHNICAL DATA BULLETIN

Appearance: Black powder

Description: Bright Dyes® Brown E-BL is a metal-free dye which is not recommended for outdoor use or prolonged UV exposure. Anodized parts colored in this dye will result in a dark brown mahogany finish.

Operating Parameters

Tank:	Polypropylene, plastic, or stainless steel
Water type:	Deionized or reverse osmosis preferred
Concentration:	1 – 2 g/L
pH:	5.0 – 6.0 (Raise with ammonium hydroxide, lower with acetic acid)
Temperature:	120 – 140° F
Time:	4 – 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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