



TECHNICAL DATA BULLETIN

Appearance: Yellow/Orange Powder

Description: Bright Dyes® Orange E-FZ is metal free dye which has been Certified by NSF for Food Zone Contact. Anodized parts colored in this dye will result in a Orange finish.

Operating Parameters

| | |
|----------------|---------------------------------------------------------------------------------------------------------------------|
| Tank: | Polypropylene, plastic, or stainless steel |
| Water type: | Deionized or reverse osmosis preferred |
| Concentration: | 2 – 3 g/L |
| pH: | 5.4 – 6.0 (Raise with ammonium hydroxide, lower with acetic acid) |
| Temperature: | 130 – 140° F |
| Time: | 5 – 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: NA

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.

Environment

Bright Dyes E-FZ series are metal free RoHS compliant dyes.

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