



A Division of Kingscote Chemicals

ALUMINUM ANODIZING PRODUCTS

GOLD E-N (F.A.O.)

ITEM # 505430

TECHNICAL DATA BULLETIN

Appearance: Green granular powder

Description: Bright Dyes® Gold E-N is an inorganic colorant which has a very high light fastness and is suitable for use in many exterior applications. Anodized parts colored in this product will result in a variety of brassy-gold shades depending on the concentration and immersion time.

Operating Parameters

Tank:	Polypropylene, plastic, or stainless steel
Water type:	Deionized or reverse osmosis preferred
Concentration:	2 – 4 g/L as a base; can be used successfully up to 10 – 20 g/L to achieve darker shades
pH:	4.2 – 5.2 (Raise with ammonium hydroxide, lower with acetic acid)
Temperature:	130 – 140° F
Time:	5 – 10 minutes
Other:	Mechanical agitation only – do not use air agitation. Rinse parts thoroughly before dyeing to avoid drag-in. Tank should be covered when not in use to preserve bath life.

Recommended Sealing Methods

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

Light Fastness: 8+

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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