



## Technical Data Sheet

### FlawGlo OF 800

Oil Based Fluorescent Powder

FlawGlo OF 800 is fluorescent yellow-green particles used with carrier fluid (CF). It is designed to be used with UV-A light to detect very fine discontinuities, such as those found in finished products for the aerospace industry and other critical applications. FlawGlo OF 800 particles improve accuracy and visual clarity in presenting critical discontinuities to the human eye.

#### General Appearance:

- Aspect: Fluorescent Yellow Green powder

#### Properties

- Concentration: 1.0 g/ltr
- Temperature Limits: 32-120°F (0-49°C)
- Density: 0.56 g/ml
- Particle Size: Not less than 98% passage through sieve as defined in AMS 3044. The typical range of particle sizes is from 2 to 5 µm, with an average particle size of 3 µm.
- Sensitivity: FlawGlo OF 800 shows a minimum of 8 lines on a Ketos tool steel ring (as defined in SAE AS5282), set on a 25 mm diameter copper bar, magnetized with 2500 A of direct current.

#### Approval & Specification:

- ASTM E 1444
- ASTM E 3024
- AMS 3044
- MIL-STD-271
- NAVSEA 250-1500-1
- NTR-1E.

**Shelf Life:** Four (4) years, when closed containers are stored in a clean, dry environment away from excessive heat and cold.

**Pack size:** 1kg container

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