



Mi-Glow®



Mi-Glow® 418

Physical Characteristics

Green powder with a slight detergent odor.

Particle Certification

Certifications are dependent on the lighting conditions used in the inspection area. For the specific inspection conditions described (see Technical Bulletin 284 for detailed description of different inspection conditions), the particles meet or exceed relevant industry specifications including but not limited to:

Darkened Inspection Area – ASTM E709, ASTM E-1444, AMS 3044, MIL-STD-271, NAVSEA 250-1500-1, NTR-1E

Undarkened Dual Response Inspection Area – ASTM E709, NAVSEA 250-1500-1

Certification is included with each shipment.

Particle Color

Fluorescent Yellow-Green

Average Particle Size

7.5 μm

AMS Standard

3044[†]

[[†]When lighting conditions meet those identified in a darkened inspection area as outlined in Technical Bulletin 284.]

SAE Sensitivity*

8

[*Representative of the number of lines shown on a tool steel ring as defined in SAE AS5282.]

Temperature Range

32-300°F (0-149°C)[‡]

[Refer to special instructions in Technical Bulletin 284 when using in temperatures above 120°F.]

Related Product Information:

Safety Data Sheet

Technical Bulletin 284

Item

FG-3321

FG-3320

Package Size

2 pounds/jar

30 pounds/pail

Mi-Glow® 418 is Mi-Glow® 800 and Mi-Glow® 920 fluorescent yellow-green particles premixed with powdered Wetting Agent 34 for use in water media. Mi-Glow® 418 is designed to be used in a conventional darkened inspection area or in a dual response environment using a combination of visible and UV-A light. Refer to specific lighting requirements detailed in Technical Bulletin 284. Can also be used in high temperature applications.