



# Mi-Glow®



## Mi-Glow® 800

### Physical Characteristics

Forest green powder, odorless.

### Particle Certification

Particles meet or exceed all relevant industry specifications, including but not limited to ASTM E 1444, AMS 3044, MIL-STD-271, NAVSEA 250-1500-1 and NTR-1E. Certification is included with each shipment.

### Particle Color

Fluorescent Yellow-Green

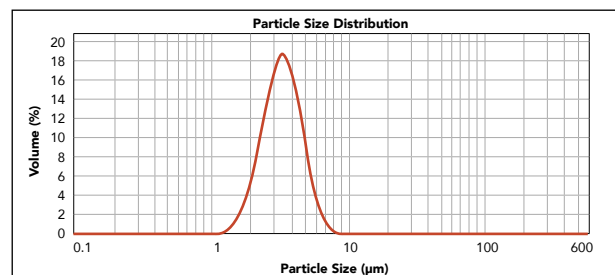
### Average Particle Size

3  $\mu\text{m}$

d(0.1): 2.278  $\mu\text{m}$

d(0.5): 3.438  $\mu\text{m}$

d(0.9): 5.133  $\mu\text{m}$



Specific Surface Area: 1.84  $\text{m}^2/\text{g}$

### AMS Standard

3044

### SAE Sensitivity\*

8

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

### Temperature Range

32-120°F (0-49°C)

### Related Product Information:

Safety Data Sheet

Technical Bulletin 240

### Item #

FG-3100

FG-3102

### Package Size

1 pound/jar

12 pounds/pail

Mi-Glow® 800 is fluorescent yellow-green particles used with CircleSol M™, a refined petroleum distillate. It is designed to be used with UV-A light to detect fine discontinuities, such as those associated with the steel rolling, forming, machining, welding and heat treatment processes. The sizing of the Mi-Glow® 800 particle typically ranges from 1 to 5  $\mu\text{m}$ , with an average of 3  $\mu\text{m}$ . It meets or exceeds AMS 3044 and all applicable industry specifications. Mi-Glow® 800 particles improve accuracy and visual clarity in presenting critical discontinuities to the human eye.



## Circle Systems, Inc.

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[www.circlesafe.com](http://www.circlesafe.com)

1210 Osborne Rd. St. Marys, GA 31558

ph 815.286.3271 | fax 815.286.3352

email [customerservice@circlesafe.com](mailto:customerservice@circlesafe.com)