



Mi-Glow®



Mi-Glow® 920

Physical Characteristics

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, NTR-1E. Certification is included with each shipment.

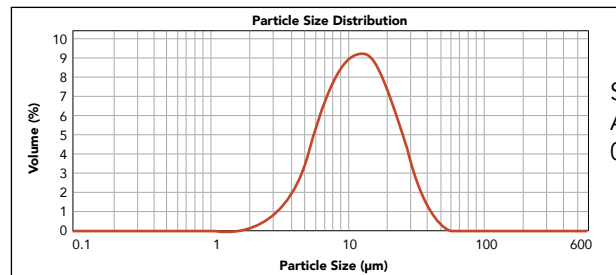
Particle Color

Fluorescent Yellow-Green

Average Particle Size

12 μm

d(0.1): 5.178 μm d(0.5): 12.199 μm d(0.9): 26.474 μm



Specific Surface Area:
0.652 m^2/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 213

Item

FG-3162

Package Size

2 pounds/jar

Mi-Glow® 920 is fluorescent yellow-green iron particles used with CircleSol M™, a refined petroleum distillate. It is designed to be used with UV-A light to detect medium sized discontinuities caused by steel rolling, forming, machining, welding and heat treatment processes. The sizing of the Mi-Glow® 920 particle typically ranges from 2 to 22 μm , with an average of 12 μm . It meets or exceeds AMS 3044 and all applicable industry specifications.



Circle Systems, Inc.

rev 10/19

www.circlesafe.com

1210 Osborne Rd. St. Marys, GA 31558

ph 815.286.3271 | fax 815.286.3352

email customerservice@circlesafe.com