

## MAGNATRON MS-30 Non-Fluorescent Magnetic Particle (Wet Method, White)

MS-30 is a high-sensitivity white magnetic powder that is non-fluorescent. Non-fluorescent magnetic particle testing is a method that uses an inspection liquid containing dispersed non-fluorescent magnetic particle to easily detect surface-breaking defects in magnetized test specimens. Among non-fluorescent magnetic particle, the MS-30 has a relatively fine particle size, enabling clear detection of a wide range of defect indication patterns.

It is particularly suitable for use on test specimens with a dark-colored background and is widely used in general applications. For use, the magnetic powder should be dispersed and suspended in a suitable medium, such as the Blendex series magnetic particle dispersant (for water dispersion) or Magnatron oil (for oil dispersion).

MS-30 is applicable to ferromagnetic steel materials, including rolled products, cast and forged components, machined parts, and welds. It enables highly reliable defect detection not only during manufacturing and fabrication but also for preventive maintenance (inspection) and quality control.

### ■ FEATURES

- Clear defect indications appear with simple steps.
- A widely used magnetic powder for general inspections.

### ■ PROPERTIES

Color	Gray
Particle Size	5~30 $\mu$ m
Recommended Concentration	10~20 g/L
Sedimentation Volume (Reference)	0.70~1.40mL /100mL

### ■ SPECIFICATION CONFORMANCE

\* Please contact us regarding compliance to the latest standards and standards not listed in this TDS.



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### ■ APPLICATIONS

- Welded parts
- Machined components
- Rolled materials
- Castings and forgings

### ■ SPECIFICATION

NDT Method	Magnetic Particle Testing (MT) / Non-Fluorescent Magnetic Particle
Storage Temperature	32°F~104°F/0°C~40°C
Usage Temperature	40°F~134°F/5°C~57°C
Quality assurance period	3 years from the manufacturing date
Disposal	Dispose empty can in a safe manner in accordance with local/national regulations.

### ■ CONTAINER

Can Type: 1 kg and 5 kg can

### ■ SERVICE/CONTACT

Please be sure to read the SDS (Safety Data Sheet) before use.

Please download the SDS from our website or contact our nearest sales office or distributor.

For other inquiries about our products, please contact our nearest sales office.

Contact us →

