



MAGNATRON SY-6000 Fluorescent Magnetic Particle

SY-6000 is a fluorescent magnetic particle composed of highly sensitive magnetic particles. Fluorescent magnetic particle testing is a method that allows easy detection of surface-opening defects in magnetized test specimens by using a magnetic particle suspension containing fluorescent magnetic particles and irradiating it with ultraviolet light from a blacklight source. SY-6000 has the coarsest particle size in our fluorescent magnetic particle category and is used for material inspection of rolled products, castings, and forgings. When using this product, disperse and suspend it in a magnetic conditioner such as the Blendex series (for water dispersion) or in Magnatron oil (for oil dispersion).

■ FEATURES

- Clear and highly visible fluorescent magnetic particle indications appear in simple steps.
- Magnetic particle designed for material inspection.

■ PROPERTIES

Color	Yellow-green fluorescence
Particle Size	5~30 μ m
Recommended Concentration	0.5~2.0 g/L
Sedimentation Volume (Reference)	0.04~0.12mL /100mL

■ SPECIFICATION CONFORMANCE

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



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■ APPLICATIONS

- Rolled materials
- Castings and forgings
- Material inspection

■ SPECIFICATION

How to use →



NDT Method	Magnetic Particle Testing (MT) / 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 →

