



MAGNATRON SY-6000BrT2 Fluorescent Magnetic Particle

SY-6000BrT2 is a fluorescent magnetic particle composed of highly sensitive magnetic particles. Fluorescent magnetic particle inspection is a method that enables easy detection of surface-breaking defects in magnetized test specimens by dispersing fluorescent magnetic particles in a magnetic particle suspension and irradiating them with ultraviolet light from a blacklight.

SY-6000BrT2 is a high-brightness type magnetic particle that enhances the visibility of crack indications. It is used for inspecting rolled materials, cast and forged products, and raw materials. For use, it should be dispersed and suspended in a magnetic particle conditioner such as the Blendex series (for water dispersion) or Magnatron Oil (for oil dispersion).

■ FEATURES

- Produces highly visible fluorescent crack indications with simple steps.
- High-brightness type fluorescent magnetic particle.
- Widely used as a general-purpose high-brightness magnetic particle for inspection.

■ PROPERTIES

Color	Yellow-green fluorescence
Particle Size	1~15 μ m
Recommended Concentration	0.3~2.0 g/L
Sedimentation Volume (Reference)	0.03~0.23mL /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 parts
- 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 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 →

