

Approvals and conformities

ASME
RCC-M
ISO 9934-2
NFF 00-090
ASTM-E-1444
AMS 3045
AMS 2641

MANUFACTURER: BABB CO (Fr)

DESCRIPTION / APPLICATION(S):

Ready-to-use fluorescent magnetic detecting medium, designed for use in magnetic testing benches or with mobile units (such as electromagnets)

Companion product(s): MG118 magnetic powder

DIRECTIONS FOR USE

Shake the canister vigorously before withdrawing the product. Spray the product on the part to be inspected during magnetization. Inspect part under UV-A (minimum irradiance : 1000 $\mu\text{W}/\text{cm}^2$, recommended $>1500\mu\text{W}/\text{cm}^2$), in dim visible light conditions (< 20 lux), after eye adaptation, according standard EN ISO 3059.

TECHNICAL CHARACTERISTICS

Stability: Very long life in benches. Once the product no longer complies with specifications, it is preferable to replace it with a new product, so as to maintain an optimum concentration and have no fluorescence in the liquid. However, it is always possible to rectify the magnetic particle content by adding powder.

Settlement rate: 0.1 to 0.4 ml for 100 ml after 60 minutes. (ASTM D 96)

Flash point	$> 100^\circ \text{C}$
Particle content	3.4 g/L
Particles dimensions	1 to 15 μm / average 5 μm
Aromatics content	$< 0,02 \%$

1 Date : 05-07-2017 Written and checked by : F. Héron

PRECAUTIONS FOR USE AND STORAGE

Transport / Handling: refer to MSDS (material safety data sheet)

Storage : keep away from moisture or light

Temperature limit: 0 to 50 °C, if possible keep at a temperature below 25°C

Keep the packaging closed after taking out some of the product.

This technical data sheet replaces and cancels the previous one.

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