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TECHNICAL

DATA SHEET

Ref : TDS/KP 118

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FLUORESCENT MAGNETIC DETECTING MEDIUM KP118

MANUFACTURER: BABB CO

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

SPECIFICATIONS / STANDARDS:

- Conform to Code : ASME, RCC-M
standards: ISO 9934-2
NFF 00-090
ASTM E1444
AMS 3045 – AMS 2641

- This product complies with REACH regulation.

PHYSICO-CHEMICAL PROPERTIES:

- Flash point: > 100° C
- Powder content: approx. 3.4 g/L.
- Grain size: 1 and 15 µm (average 5µm)
- Settlement rate: 0.1 to 0.4 ml for 100 ml after 60 minutes. (ASTM D 96)
- % aromatics: < 0.02 %
- 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.

PACKAGING/TRANSPORT/STORAGE:

- . Packaging: 10L can
- . Transport / Handling: refer to MSDS (material safety data sheet)
- . Storage / Shelf life: 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.
Can: 30 months.



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INSTRUCTIONS:

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 $\geq 1500\mu\text{W}/\text{cm}^2$), in dim visible light conditions (< 20 lux), after eye adaptation, according standard EN ISO 3059.

HEALTH AND SAFETY: refer to MSDS.

The information given herein is given in good faith to our customers for the sole purpose of assisting them in the use of the products. The document contains no formal or implicit guarantee regarding its use.

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