

Approvals and conformities

AMS 2641

type 1

AMS 3045

ASME

ASTM-E-1444

DASSAULT AVIATION

EADS

ISO 9934-2

RCC-M

ROLLS ROYCE

SAFRAN

MANUFACTURER : BABB CO (Fr)

DESCRIPTION / USE :

Ready-to-use fluorescent magnetic detecting medium, to be used in MT benches or along mobile units.
Companion product(s): LY2500

DIRECTIONS FOR USE

Shake can thoroughly before use.

Spray KP25 on the part under inspection while magnetising.

Keep magnetisation on for 2 to 3 seconds after spraying stop. 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 ($< 20 \text{ lux}$), after eye adaptation, according standard EN ISO 3059.

TECHNICAL CHARACTERISTICS

Stability :

highly resistant to mechanical and chemical wear. When KP25 does no longer meet specifications, it is recommended to throw it away and replenish with off-the-shelf product, so as to have a more constant level of quality and no fluorescent fluid. Nevertheless, it is allowed to adjust particle settlement rate by adding LY 2500 powder.

Flash point > 100°C
Particle content > 1,1 g/L
Particles dimensions 3 to 11 µm / average 6,5µm
Settlement rate 0.15 to 0.30 mL after 60 minutes (ASTM D96)
Powder fluorescent coefficient 9,4 cd/W (under UV-A)

PRECAUTIONS FOR USE AND STORAGE

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

Storage : Temperature : 0 to + 50° C

If possible at a temperature lower than 25°C.

In a reasonably ventilated, protected from light area. Keep cans tightly closed.

This technical data sheet replaces and cancels the previous one.

The information in this document is given in good faith but is only indicative and therefore does not imply any commitment or guarantee on our part, particularly in the event of infringement of rights belonging to third parties as a result of using our products. These data should not be used as a substitute for the preliminary tests that must be carried out to ensure the suitability of the product in each specific case. In any case, we invite you to check the local legislation applicable to the use of our product. Pictures are non-contractual.