

PFINDER 150

MAGNETIC PARTICLE SUSPENSION

FLUORESCENT oil-based, ready to use

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DESCRIPTION

PFINDER 150 is a ready-to-use suspension of fluorescent magnetic particles in low-viscos carrier oil with special additives for magnetic particle testing. With PFINDER 150 surface defects of magnetizable materials can be indicated under UV-light (365nm).

APPLICATION

Apply PFINDER 150 undiuted while magnetizing. Indications will appear immediately under UV-light (365nm).

The capability of the magnetic particle suspension should be checked regularly by means of own reference pieces or e.g. reference block 1 according EN ISO 9934-3.

Process description according EN ISO 9934-1 see www.pfinder-ndt.com.



APPROVALS & CONFORMITIES

The product conforms to the

following specifications / is suitable

for use according to:

EN ISO 9934-2, ASME V Art.7, ASTM E 1444, ASTM E 709, AMS 2641, AMS 3044, AMS 3045,

AMS 3046

Low content of sulfur and halogens according to EN ISO 9934-2.

> Please respect the relevant rules and specifications for your application.

> > SHELF-LIFE

2 years

Spray cans: 3 years



YOUR GREEN NDT BENEFITS

Nearly odourless

- Free of silicone, sec. amines, nitrites/halogens
- Aerosol spray can with minimized carbon footprint



YOUR HANDLING + COST SAVING BENEFITS

- Excellent sharp, quick and stable indications with low background fluorescence
- Compatible with non-ferrous materials

PACKAGES IN STOCK / STORAGE CONDITIONS

500-mL-spray can (for 360° application), 5-L-canister. These packages are on stock and instantly available. Other packages on demand.

Storage between +5°C and +45°C. Shake well or stirr before use!

DIN EN ISO 12185

ASTM D 445

ASTM D 93

TECHNICAL PROPERTIES

Density/20°C Viscosity/20°C Flash point Particle size dm

approx. 760 kg/m³ approx. 3,0 mm²/s approx. 63°C Pfinder 080.900Q01 approx. 3µm

Fluorescent coefficent Settlement volume

DIN EN ISO 9934-2 AMS 3045

approx. 2,5 cd/W

Data of products packaged in aerosol spray cans might differ.

0,2 mL/100mL

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