

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 undiluted 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.



YOUR GREEN NDT BENEFITS

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

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.



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 stir before use!



SHELF-LIFE

2 years
Spray cans:
3 years

TECHNICAL PROPERTIES

| | | | | | |
|------------------|--------------------|--------------------------------|---|-------------------|------------------|
| Density/20°C | DIN EN ISO 12185 | approx. 760 kg/m ³ | Fluorescent coefficient | DIN EN ISO 9934-2 | approx. 2,5 cd/W |
| Viscosity/20°C | ASTM D 445 | approx. 3,0 mm ² /s | Settlement volume | AMS 3045 | 0,2 mL/100mL |
| Flash point | ASTM D 93 | approx. 63°C | Data of products packaged in aerosol spray cans might differ. | | |
| Particle size dm | Pfinder 080.900Q01 | approx. 3µm | | | |