

PFINDER 150

MAGNETIC PARTICLE SUSPENSION

FLUORESCENT

oil-based | ready to use



Version 8 | 11.02.2022 | Page 1/1

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 (365 nm).

APPLICATION

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

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.com.



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
- | Low background fluorescence
- | Compatible with non-ferrous materials

APPROVALS & CONFORMITIES

The product conforms to these specifications / is suitable for the 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.

PACKAGING

500-ml-spray can (for 360° application) | 5-l-canister
 These packages are on stock and instantly available. Other packages on demand.

SHELF-LIFE & STORAGE

2 years | Spray cans: 3 years
 Storage between + 5 °C and + 45 °C.
 Shake or stirr well before use!

| CHARACTERISTIC DATA | Specification | Unit | Value |
|-------------------------|--------------------|--------------------|-------------|
| Density/20 °C | EN ISO 12185 | kg/m ³ | approx. 760 |
| Viscosity/20 °C | ASTM D 445 | mm ² /s | approx. 3,0 |
| Flash Point | ASTM D 93 | °C | approx. 63 |
| Particle size dm | PFINDER 080.900Q01 | µm | approx. 3 |
| Fluorescent coefficient | EN ISO 9934-2 | cd/W | approx. 2,5 |
| Settlement volume* | AMS 3045 | ml/100ml | 0,2 |

Data of products packaged in aerosol spray cans might differ.