

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



YOUR HANDLING + COST SAVING BENEFITS

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

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.

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			