

DESCRIPTION

PFINDER 130 is a water-suspendible concentrate of fluorescent magnetic particles with special additives for magnetic particle testing. PFINDER 130 indicates surface defects of magnetizable materials under UV-light (365nm).

The concentrate PFINDER 130 has to be stirred in water. An even dispersion of the particles will be obtained very quickly.

This product is based on black magnetic particles. Therefore accumulations of the suspension on the surface of tested parts can not be mistaken for corrosion.

APPLICATION

The ideal use concentration may vary according to magnetisation strength, surface conditions, after-magnetisation terms and flushing time. Therefore following values should only be understood as an indication:

1 kg PFINDER 130 for 40 L to 80 L water (2,5% to 1,25%).

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

- Odourless
- Free of sec. amines, nitrites and halogens



YOUR HANDLING + COST SAVING BENEFITS

- Excellent sharp, quick and stable indications
- With extremely low background fluorescence
- With effective corrosion protection
- Optimized foaming and wetting properties

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,
 AS 4792, AMS 3044.**

Please respect the relevant rules and specifications for your application.

PACKAGES IN STOCK / STORAGE CONDITIONS

1-L-bottle, 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

3 years

TECHNICAL PROPERTIES

Density/15°C	DIN EN ISO 12185	1,083g/cm ³	Settlement volume*	AMS 3044	approx. 0,4 mL / 100 mL
pH value*	ISO 4316	approx. 8,00			
Particle size dm	Pfinder 080.900Q01	approx. 6,5µm			
Fluorescent coefficient	DIN EN ISO 9934-2	approx. 2 cd/W			

* refers to a suspension of 2,5%.