

DESCRIPTION

PFINDER 115 is a water-suspendible concentrate of fluorescent magnetic particles with special additives for magnetic particle testing. PFINDER 115 indicates surface defects of magnetizable materials under UV-light (365nm).

The concentrate PFINDER 115 has to be stirred in water. An even dispersion of the particles will be obtained very quickly.

PFINDER 115 provides an extra-high content of powder.

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 115 for 40 L to 100 L water (2,5% to 1,0%).

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

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.**

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
- With effective corrosion protection
- Optimized foaming and wetting properties
- Compatible with non-ferrous materials

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 stirr before use!

SHELF-LIFE

2 years

TECHNICAL PROPERTIES

Density/15°C	DIN EN ISO 12185	1140 ± 15 kg/m ³	Settlement volume*	AMS 3044	approx. 0,25 mL / 100 mL
pH value*	ISO 4316	8,75 ± 0,25			
Particle size dm	Pfinder 080.900Q01	approx. 3µm			
Fluorescent coefficient	DIN EN ISO 9934-2	approx. 2 cd/W			

* refers to a suspension of 2%.