

DESCRIPTION

PFINDER 205 is a water-suspendible concentrate of black magnetic particles with special additives for magnetic particle testing. PFINDER 205 indicates surface defects of magnetizable materials under daylight conditions.

The concentrate PFINDER 205 has to be stirred in water. An even dispersion of the particles will be obtained very quickly.

For best results the use of white contrast paint (e.g. PFINDER 280) is recommended.

APPLICATION

Cover surfaces to be tested thinly and evenly with white contrast paint PFINDER 280. Allow to dry. Apply PFINDER 205 suspended in water while magnetizing. Black indications will appear immediately on the white background.

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 205 for 40 L water (2,5%).

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

- No hazard classification/labeling acc. to EC regulation
- Odourless
- Free of sec. amines, nitrites and halogens



YOUR HANDLING + COST SAVING BENEFITS

- Excellent sharp, quick and stable indications
- With effective corrosion protection
- Optimized foaming and wetting properties
- Compatible with non-ferrous materials

PACKAGES IN STOCK / STORAGE CONDITIONS

1-L-bottle.

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!

APPROVALS & CONFORMITIES

The product conforms to the following specifications / is suitable for use according to:

EN ISO 9934-2, RCCM

Please respect the relevant rules and specifications for your application.

SHELF-LIFE

2 years

TECHNICAL PROPERTIES

Density/20°C	DIN EN ISO 12185	1,459 g/cm ³	
pH value*	ISO 4316	approx. 8,0	
Particle size dm	Pfinder 080.900Q01	approx. 1,5 µm	
Particle concentration*	AMS 3042	approx. 0,35 mL/100mL	* refers to a suspension of 2,5%.