PFINDER 115
MAGNETIC PARTICLE CONCENTRATE
FLUORESCENT
suspendible in water

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.


PACKAGES IN STOCK / STORAGE CONDITIONS
1-L-bottle, 5-L-canister.

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!

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

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:

Low content of sulfur and halogens according to EN ISO 9934-2.

SHELF-LIFE
2 years

TECHNICAL PROPERTIES
| Density@15°C | DIN EN ISO 12185 | 1140 ± 15 kg/m³ |
| pH value* | ISO 4316 | 8,75 ± 0,25 |
| Particle size Øm | DIN EN ISO 9934-2 | approx. 3µm |
| Fluorescent coefficient | approx. 2 cd/W |

Settlement volume* AMS 3044 approx. 0,25 mL / 100 mL

* refers to a suspension of 2%.

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest to evaluate these recommendations and suggestions in your own laboratory prior to use. Our responsibility for claims arising from breach of warranty, negligence, or otherwise is limited to the purchase price of the material.

THINKING AHEAD SINCE 1884.