

DESCRIPTION

PFINDER 101 RTU is ready-to-use suspension of fluorescent magnetic particles in water with special additives for magnetic particle testing. PFINDER 101 RTU indicates surface defects of magnetizable materials under UV-light (365nm).

PFINDER 101 RTU provides an advanced fluorescence brightness.

APPLICATION

Apply PFINDER 101 RTU 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

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



YOUR HANDLING + COST SAVING BENEFITS

- Read to use suspension, to be used directly and undiluted
- Brilliant indications, quick and stable with advanced fluorescence brightness
- Optimized corrosion protection / foaming and outstanding 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, RCC-M.

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

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

1 year

TECHNICAL PROPERTIES

Density/15°C	DIN EN ISO 12185	approx. 1080 kg/m ³	Particle concentration	AMS 3044	approx. 0,10 mL / 100 mL
pH value	ISO 4316	8,0 ± 0,3			
Particle size dm	Pfinder 080.900Q01	approx. 5,7µm			
Fluorescent coefficient	DIN EN ISO 9934-2	approx. 7 cd/W			