

DESCRIPTION

PFINDER 250 is a ready-to-use-suspension of black magnetic particles in low-viscos carrier oil with special additives for magnetic particle testing. With PFINDER 250 surface defects of magnetizable materials can be indicated under daylight conditions.

PFINDER 250 has an optimized particle concentration and is therefore perfectly suitable for testing purposed on rough surfaces.

PFINDER 250 is suitable for testing at temperatures between 0°C and +50°C (temperature of work part).

The product is applied by direct spraying on the surface to be tested.

APPLICATION

Cover surfaces to be tested thinly and evenly with white contrast paint PFINDER 280. Allow to dry. Apply PFINDER 250 while magnetizing. Black indications will appear immediately on the white background.

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

- Nearly odourless
- Free of silicone, sec. amines, nitrites/halogens
- Aerosol spray can with minimized carbon footprint



YOUR HANDLING + COST SAVING BENEFITS

- Excellent sharp, quick and stable indications
- Excellent suitable for testing of rough surfaces
- Compatible with non-ferrous materials

PACKAGES IN STOCK / STORAGE CONDITIONS

500-mL-spray can (for 360° application).
 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, ASME V Art.7*, ASTM E 709*, AMS 3041*, PMUC, RCC-M.

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

*) Not applicable for aerosol packaged material.

Please respect the relevant rules and specifications for your application.

SHELF-LIFE

3 years

TECHNICAL PROPERTIES

Density/20°C
 Viscosity/20°C
 Flash point
 Particle size dm

DIN EN ISO 12185
 ASTM D 445
 ASTM D 93
 Pfinder 080.900Q01

approx. 800 kg/m³
 approx. 4,0 mm²/s
 approx. 101°C
 approx. 0,6µm

Particle concentration (aerosol) AMS 3043 approx. 1,0mL/100mL

Data of products packaged in aerosol spray cans might differ.