

# PFINDER 940

## WET DEVELOPER CONCENTRATE

### FOR PENETRANT TESTING

water soluble



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#### DESCRIPTION

PFINDER 940 is a water soluble developer concentrate for penetrant testing. PFINDER 940 is particularly used for applications by immersion. An even and fine application is achieved by immersion in the solution. PFINDER 940 is readily biodegradable according to ISO 9888 / Zahn-Wellens-EMPA test (OECD 302 B). Details and test report available on request.

The temperature of the developer solution should be between 60 and 70 °C. The immersion time depends on the test material and should be kept as short as possible. The developer has to be dried by volatilisation and/or by a forced-air oven.

Developer form b according DIN EN ISO 3452-1.

#### APPLICATION

Use concentration: 5 % in water.

Use temperature

Room temperature or 60-70 °C (140 – 158°F).

The capability of the penetrant system should be checked regularly by means of own reference pieces or e.g. reference test block 2 according EN ISO 3452-3.

Process description according DIN EN ISO 3452-1 see [www.pfinder-ndt.com](http://www.pfinder-ndt.com).



#### YOUR GREEN NDT BENEFITS

- | Water-based
- | Readily biodegradable – no waste water treatment required
- | Odourless



#### YOUR HANDLING + COST SAVING BENEFITS

- | Very good developing properties
- | Concentrate – very efficient
- | Easily water soluble, no agitation of immersion tank required

#### APPROVALS & CONFORMITIES

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

EN ISO 3452-2 | VDA236-150 |  
ASTM E165 | ASME V Art.6 |  
ASTM E1417

Low content of sulfur and halogens  
according to EN ISO 3452-2.

#### PACKAGING

10-l-canister

These packages are on stock and instantly available. Other packages on demand.

#### SHELF-LIFE & STORAGE

2 years

Storage between + 5 °C to + 45 °C / +40°F to 105°F

CHARACTERISTIC DATA	Specification	Unit	Value
Density/20 °C	EN ISO 12185	kg/m <sup>3</sup>	approx. 1100
pH value*	ISO 4316		approx. 7,5

\*Refers to a dilution of 5 %.