PFINDER 130
MAGNETIC PARTICLE CONCENTRATE
FLUORESCENT
suspendible in water

DESCRIPTION
PFINDER 130 is a water-suspendible concentrate of fluorescent magnetic particles with special additives for magnetic particle testing. PFINDER 130 indicates surface defects of magnetizable materials under UV-light (365nm).

The concentrate PFINDER 130 has to be stirred in water. An even dispersion of the particles will be obtained very quickly.

This product is based on black magnetic particles. Therefore accumulations of the suspension on the surface of tested parts can not be mistaken for corrosion.

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 130 for 40 L to 80 L water (2.5% to 1.25%).

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.


TECHNICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Density/15°C</td>
<td>1.083g/cm³</td>
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<tr>
<td>pH value*</td>
<td>ISO 4316 approx. 8.00</td>
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<tr>
<td>Particle size d[m]</td>
<td>Pfunder 080.99000Q01 approx. 6.5µm</td>
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<tr>
<td>Fluorescent coefficient</td>
<td>DIN EN ISO 9934-2 approx. 2 cd/W</td>
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<tr>
<td>Settlement volume*</td>
<td>AMS 3044 approx. 0.4 mL / 100 mL</td>
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</tbody>
</table>

* refers to a suspension of 2.5%.

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.

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