PFINDER 240
MAGNETIC PARTICLE SUSPENSION
BLACK
water-based, ready to use

DESCRIPTION

PFINDER 240 is a water-based, ready-to-use suspension of black magnetic particles with special additives for magnetic particle testing. With PFINDER 240 surface defects of magnetizable materials can be detected at daylight.

The product is applied by direct spraying on the surface to be tested. PFINDER 240 is suitable for testing at temperatures between +5°C and +50°C (temperature of work part).

Due to the use of an alternative, non-flammable propellant PFINDER 240 aerosol spray cans come with a more than ca. 20% higher suspension content - compared with standard 500mL aerosol spray cans. The gross volume of all PFINDER spray cans is 650mL.

APPLICATION

Cover surfaces to be tested thinly and evenly with white contrast paint PFINDER 280. Allow to dry. Apply PFINDER 240 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.


YOUR GREEN NDT BENEFITS

- No hazard classification/labeling acc. to EC regulation
- Aerosol spray can with non-flammable propellant
- Odourless
- Aerosol spray can with minimized carbon footprint

YOUR HANDLING + COST SAVING BENEFITS

- Excellent sharp, quick and stable indications
- Very efficient: Very high filling volume per aerosol spray can
- Compatible with non-ferrous materials

PACKAGES IN STOCK / STORAGE CONDITIONS

300-mL-aerosol 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 stirr before use!

TECHNICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density/20°C</td>
<td>approx. 1001 kg/m³</td>
<td>DIN EN ISO 12185</td>
</tr>
<tr>
<td>Viscosity/20°C</td>
<td>approx. 1,0 mm²/s</td>
<td>DIN EN ISO 3104</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 100°C</td>
<td>ASTM D 93</td>
</tr>
<tr>
<td>Particle size dm</td>
<td>approx. 1.5 μm</td>
<td>Pfinder 080.900Q01</td>
</tr>
<tr>
<td>Settlement volume</td>
<td>approx. 0,8mL/100mL</td>
<td>AMS 3042</td>
</tr>
</tbody>
</table>

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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