



# Magnetic Particle Inspection

*Product information*

*MR<sup>®</sup> 110 Magnetic powder, fluorescent*



## MR<sup>®</sup> 110 Magnetic powder, fluorescent

1:1000, oil and water suspendable, for dry or wet testing  
for magnetic particle inspection according DIN EN ISO 9934-1

### General appearance and composition:

- highly sensitive powder with fluorescent ferromagnetic particles, suspendable in water or oil
- suitable for dry testing
- medium particle size  $d_a = 1-4 \mu\text{m}$
- yellow-green fluorescent under UV-radiation

### Application:

- remove tinder, rust and other contaminations from surface in a suitable manner

#### Wet testing:

- dilute 1:1000 in water or MR<sup>®</sup>-Flux oil
- according your requirements, add MR<sup>®</sup> 300 Corrosion inhibitor, MR<sup>®</sup> 400 Wetting agent and MR<sup>®</sup> 500 Anti-foam emulsion
- during magnetization (e.g. with a MR<sup>®</sup>-Hand yoke) spray the preparation on the surface

#### Dry testing:

- during magnetization (e.g. with MR<sup>®</sup>-Hand yoke) dust MR<sup>®</sup> 110 Magnetic powder fluorescent on the surface
- under UV-radiation discontinuities will appear as yellow-green fluorescent magnetic particle indications

### Minimum durability:

- will keep for a minimum of 4 years, stored at room temperature

### Pack sizes:

- 1 kg

\*\*Technical changes reserved!\*\*

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Please visit our website [www.mr-chemie.de](http://www.mr-chemie.de)

MR<sup>®</sup> Chemie GmbH · P.O.Box 3028, D-59414 Unna · Nordstr. 61-63, D-59427 Unna  
Tel.: +49 (0)2303 95151-0 · Fax: +49 (0)2303 95151-10 · e-mail: [post@mr-chemie.de](mailto:post@mr-chemie.de)

