



# Magnetic Particle Testing

Product information

MR<sup>®</sup> 220 Magnetic powder concentrate

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## MR<sup>®</sup> 220 Magnetic powder concentrate

black, 1:100, water suspendable,  
for Magnetic Particle Inspection acc. to EN ISO 9934-1

### General appearance and composition:

- Magnetic powder concentrate with ferromagnetic particles, suspendable in water, biologically degradable
- Includes corrosion inhibitor and other additives
- Free of nitrite, halogene, silicone
- Medium particle size  $d_a = 1-3 \mu\text{m}$
- Sediment: 0,4-0,8 ml / 100 ml (1/2 h)
- Processing temperature +10 to +50 °C
- No declaration of hazardous ingredients – ECO-LINE

### Application:

- Remove fat and oil (with MR<sup>®</sup> 71 Paint remover) as well as tinder, rust and other contaminations from surface in a suitable manner
- Dilute 1:100 in water
- For a good contrast spray a thin film MR<sup>®</sup>-White contrast paint (layer thickness max. 40  $\mu\text{m}$ ) on the surface
- During magnetization (e.g. with a MR<sup>®</sup>-Hand yoke) spray the preparation on the surface
- Discontinuities will appear as black magnetic particle indications
- After documentation the surface can be cleaned with MR<sup>®</sup> 71 Paint remover

### Minimum shelf life:

- Will keep for a minimum of 2 years, stored at room temperature

### Pack sizes:

- 1 L