



## MR<sup>®</sup> 230 Magnetic powder red



### Product characteristics

- Ready-to-use magnetic powder with ferromagnetic particles
- Especially suitable for finding gross defects on pipes, large raw castings, pipe welds, welded structures etc.
- Suitable for dry testing on warm and hot surfaces
- Processing temperature up to max. 315 °C
- Average grain size  $d_a = 15 - 160 \mu\text{m}$
- Density  $2.5 - 3 \text{ g/cm}^3$
- ECO-LINE

### Minimum shelf life / temperatures

Bulk: 5 years at storage temperature  
Storage: + 5 °C - + 45 °C  
Application: < 315 °C



### Approvals / specification

- AMS 3040
- EN ISO 9934-1



### Application

- To achieve a good contrast, e.g. MR<sup>®</sup> 72 Contrast paint white can be applied as a thin film to the surface to be tested (layer thickness max. 40  $\mu\text{m}$ )
- Fill MR<sup>®</sup> 230 magnetic powder red into a suitable applicator
- When magnetizing (e.g. with an MR<sup>®</sup> hand magnet), dust the powder so that a magnetic powder cloud is formed over the test surface
- During inspection under white light of at least 1000 lux, any imperfections become visible as a red magnetic powder bead in each case

### Suggested products

Remover: MR<sup>®</sup> 71, MR<sup>®</sup> 79, MR<sup>®</sup> 85, MR<sup>®</sup> 88, MR<sup>®</sup> 3001, MR<sup>®</sup> 3002  
Contrast paint: MR<sup>®</sup> 72, MR 72 AF, MR 72 LS, MR<sup>®</sup> 725, MR<sup>®</sup> 726, MR<sup>®</sup> 727, MR<sup>®</sup> 721  
Test body: Reference block 1 and 2, Test block  
Measuring device: Field strength meter, UVA/Lux, Luxmeter  
Hand yoke: MR<sup>®</sup> 50, MR<sup>®</sup> 56

### Delivery form



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