PRODUCT INFORMATION
Magnetic Particle Inspection

MR® CHEMIE
NDT-MATERIALS

MR®231 Magnetic powder grey

Product characteristics

- Ready-to-use magnetic powder with ferromagnetic particles
- Suitable for all weld seams
- Suitable for dry testing on warm and hot surfaces
- Grey crack indication in daylight
- Processing temperature up to max. 427 °C
- Average grain size da = 75 µm
- Density 2.5 - 3 g/cm³
- ECO-LINE

Minimum shelf life / temperatures

Bulk: 5 years at storage temperature
Storage: + 5 °C - + 45 °C
Application: < 427 °C

Approvals / specification

- AMS 3040
- EN ISO 9934-1

Application

- Fill MR® 231 magnetic powder grey into a suitable applicator
- When magnetizing (e.g. with an MR® 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 500 lux (1000 lux recommended), any imperfections become visible as a grey magnetic powder bead in each case

Suggested products

Remover:	MR® 71, MR® 79, MR® 85, MR® 88, MR® 3002
Test body:	Reference block 1 and 2, Test block
Measuring device:	Field strength meter, UVA/Lux, Luxmeter
Hand yoke:	MR® 50, MR® 56

Delivery form

Technical changes reserved!

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