



MR[®] 210 Magnetic powder black



Product characteristics

- Highly sensitive non-fluorescent magnetic powder with ferromagnetic particles for wet testing as well as for dry testing on warm and hot surfaces
- 1:100 to 1:1000 suspendable with oil or water
- Sediment 1:1000 : 0.10-0.20 ml / 100 ml (1 h)
- Sediment 1:200 : 0.6-1.2 ml / 100 ml (1 h)
- Sediment 1:100 (ASTM E1444/1444M) : 1.2-2.4 ml / 100 ml (1 h)
- Suitable for all light-colored substrates or, with the use of MR[®] Contrast paint, also for dark surfaces
- ECO-LINE
- Color crack indication black
- Average grain size d_{50} 2-3 μ m

Minimum shelf life / temperatures

Bulk: 3 years at storage temperature
Storage: +5 °C - +45 °C
Application: Water + 5 °C - + 85 °C
MR[®] 82 (all types) - 10 °C - + 150 °C
Powder till < 500 °C



Approvals / Specification



- EN ISO 9934-2
- AMS 3042
- ASTM E709
- ASTM E1444/1444M
- ASME Code V, Art. 7
- ASME B & PV Code, Sec. V
- RCC-M

Further information

Process description according to EN ISO 9934-1 available on request or at www.mr-chemie.de/en.
For further information, please refer to our Safety Data Sheet and 3.1 certificate.
For necessary and supplementary test accessories, visit our website or contact our staff.

Suggested products

Pre-cleaner: MR[®] 71, MR[®] 79, MR[®] 85, MR[®] 88, MR[®] 3001 und MR[®] 3002
Contrast paint: MR[®] 72, MR 72 AF, MR 72 LS, MR[®] 725, MR[®] 726, MR[®] 727, MR[®] 721
Test body: Reference block 1 and 2, Test block
Measuring device: Field strength meter
Hand yoke: MR[®] 50, MR[®] 56

Delivery form



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