



Magnetic Particle Inspection

Product information

MR[®] 131 RGF Magnetic powder suspension

MR[®]
CHEMIE
NDT-materials

TO SEE MORE!

MR[®] 131 RGF Magnetic powder suspension

fluorescent, oil based, ready for use
for Magnetic Particle Inspection acc. to EN ISO 9934-1

General appearance and composition:

- Magnetic powder suspension, oil based, with fluorescent ferromagnetic particles
- Flash Point 130°C
- Medium particle size $d_a = 1-3 \mu\text{m}$
- Sediment: 0,1 – 0,3 ml/100 ml (1 h)
- Yellow-green fluorescent under UV-radiation
- Processing temperature +10 to +50 °C
- No declaration of hazardous ingredients – ECO-LINE

Application:

- Remove tinder, rust and other contaminations from surface in a suitable manner.
- Shake container with MR[®] 131 RGF Magnetic powder suspension well and spray during magnetization (e.g. with a MR[®] Hand yoke) on the surface.
- If using a test bench, fill the preparation into the container with the pump and go on with the usual procedure.
- Under UV-radiation discontinuities will appear as yellow-green fluorescent magnetic particle indications.
- If necessary, settlement can be decreased by further dilution with MR[®] Flux oil.
- Note: Powder residues in the delivery container reduces the settlement in the test material container!

Advice:

- If you use this product in connection with lacquered surfaces, please test in advance if MR[®] 131 RGF is suitable. It may dissolve the lacquer from the surface.

Minimum shelf life:

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

Pack sizes:

- 5 L, 10 L