



Magnetic Particle Testing

Product information

MR[®] 131-R Magnetic powder concentrate



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

General appearance and composition:

- Oil suspendable concentrate with fluorescent ferromagnetic particles
- Flash point 130°C
- Medium particle size $d_a = 1-3 \mu\text{m}$
- Yellow-green fluorescent under UV-radiation
- Sediment: 0,10 – 0,30 ml / 100 ml (1 h)
- 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 concentrate well
- Dilute 1:100 in MR[®] Flux oil
- During magnetization (e.g. with a MR[®] Hand yoke) spray the preparation on the surface
- Under UV-radiation discontinuities will appear as yellow-green fluorescent magnetic particle indications

Advice:

- If you use this product in connection with lacquered surfaces, please test in advance if MR[®] 131-R 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:

- 1 L, 5 L