



Magnetic Particle Inspection

Product information

MR[®] 76 F Magnetic powder suspension



MR[®] 761 F Magnetic powder suspension

fluorescent, ready for use, "high brilliance", for magnetic particle inspection according to DIN EN ISO 9934 part 1

General appearance and composition:

- Mixture of isoparaffinic carbonhydroxides, additives and pigments
- MR[®] 761 F Magnetic powder suspension fluorescent serves to indicate cracks when performing magnetic particle inspection under UV-light
- Medium particle size: $d_a = 3-4 \mu m$
- Low odour, oil based
- Regarding the contents of corrosive ingredients MR[®] 761 F Magnetic powder suspension fluorescent meets the requirements of ASME Code V, Section V, Article 6, T-641.
- High brilliance fluorescence
- Sediment: 0,4-0,5 ml/100 ml (1 h)

Relevant approvals and specifications:

- Type testing according to DIN EN ISO 9934 part 2
- Examination of corrosive ingredients according ASME Code V, Section V, Article 6, T-641
- the corrosive components of MR[®] 761 F are in accordance with EN ISO 9934-2

Application:

- Remove fat and oil (e.g. with MR[®] 71 Paint Remover) as well as tinder, rust and other contaminations from surface in a suitable manner
- Apply MR[®] 761 F Magnetic powder suspension fluorescent on the surface during magnetization (e.g. with a MR[®] 52 Hand yoke)
- Under UV-light discontinuities will appear as yellow-green fluorescent magnetic particle indications on surface
- After documentation the surface can be cleaned with MR[®] 71 Paint Remover
- Processing temperature max. 100 °C

Minimum durability:

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

Pack sizes:

- Aerosols, 500 ml (1 box contains 12 aerosols)
- 5 L, 10 L

