



Magnetic Particle Inspection

Product information

MR[®] 76 F Magnetic powder suspension



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

General appearance and composition:

- Mixture of isoparaffinic carbonhydroxides, additives and pigments
- MR[®] 76 F Magnetic powder suspension fluorescent serves to indicate cracks when performing magnetic particle inspection under UV-light
- Yellow-green fluorescence
- Medium particle size: $d_a = 1-3 \mu\text{m}$
- Low odour
- Oil based
- Sediment: 0,2-0,3 ml / 100 ml (1 h)
- Processing temperature +10 to +50 °C

Relevant approvals and specifications

- Type testing in accordance to DIN EN ISO 9934-2
- Examination of corrosive ingredients according ASME Code V, Section V, Article 7
- In correspondence with Lloyd's Reg., Bureau Veritas, Det Norske Veritas, admitted by Framatome ANP
- Produits et Matériaux Utilisables en Centrales (PMUC)
- Aerosol overhead sprayable
- Meets the requirements of AMS 3043 and AMS 3046

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[®] 76 F Magnetic powder suspension fluorescent on the surface during magnetization (e.g. with a MR[®] 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

Minimum shelf life:

- 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