

FLUXO 11

Fluorescent Magnetic Powder for Magnetic Particle Inspection Dilution in Water

General Appearance & Composition

- Fluorescent Magnetic Powder for Magnetic Particle Inspection - Dilution in Water
- Typical Dilution: 4-5g/L in water
- Processing Temperature: 0 °C to 50 °C
- High Concentrated Product
- Low Fluorescence background on parts.
- NON-DANGEROUS product
- **FLUXO 11** is a mixture of fluorescent magnetic powder, wetting agent, antifoam, rust inhibitor and additives.
- Manufacturer: SREM TECHNOLOGIES

Approval & Specifications

- NF EN ISO 9934-2
- ASTM E1444 - Section 5.8
- ASME BOILER AND PRESSURE VESSEL CODE, SECTION V
- Code RCC-M - Tome III - § MC 5135 "Liquieurs magnétiques"
- ASTM E709

Properties

- Performance: 70mm in reference block Type 2
- Aspect & color: green powder
- Particle size: around 5-10 µm
- Fluorescence coefficient : $\beta \approx 3,8 \text{ cd.W}^{-1}$
- Corrosion test: level 1 (according to standard ISO 9934-2)
- Mechanic stability : stable product
- Stability in time: minimum 24 months
- Settlement Volume: 0,1 to 0,3 ml / 100 ml (1 h)



Application

- Remove tinder, rust and other contaminations from surface
- Typical dilution: 4g/L in water
- During magnetization spray the preparation on the surface
- Defects will appear as yellow-green fluorescent indications under UV Light

Shelf Life

- Minimum of 5 years. stored at room temperature.
- Please refer to the Safety Data Sheet

Pack Sizes

- Drum 5kgs

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