

FLUXO 309

Fluorescent Magnetic Concentrate for Magnetic Particle Inspection

General Appearance & Composition

- Fluorescent Magnetic Concentrate for MPI
- Dilution 2.5% in Water
- Processing Temperature : 0°C to 50°C
- **FLUXO 309** is a mixture of fluorescent magnetic powder, wetting agent, antifoam, bactericide, rust inhibitor and additives.

Approval & Specifications

- NF EN ISO 9934-2
- ASTM E1444-01- Section 5.8 - ASTM E709
- ASME Boiler & Pressure Vessel Code, SECTION V

Properties

- Performance: 70mm in reference block type 2
- Aspect & color: green suspension
- Particles size: around 3µm
- Fluorescence coefficient: $\beta \approx 3,8 \text{ cd.W}^{-1}$
- Corrosion test: level 0-1 (according standard ISO 9934-2)
- Mechanic stability : stable product
- Stability in time: minimum 24 months
- Settlement Volume: 0,20 to 0,30 ml / 100 ml (1 h)
- NOT DANGEROUS

Application

- Remove tinder, rust and other contaminations from surface
- Shake concentrate well before use
- Typical dilution : 2.5% in water (1/40)
- During magnetization spray the preparation on the surface
- Defects will appear as yellow-green fluorescent magnetic particle indications under UV Light

Shelf Life

- Minimum of 2 years, stored at room temperature

Pack Sizes

- Drum 1kg - 5kg



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