

FLUXO 22D

Fluorescent Magnetic Powder for Magnetic Particle Inspection Dilution in Petroleum Carrier Fluid

General Appearance & Composition

- Fluorescent Magnetic Powder for Magnetic Particle Inspection - Dilution in Petroleum distillates
- Typical Dilution: 0.8 to 1g/L in petroleum distillates
- Processing Temperature: 0 °C to 50 °C
- Low Fluorescence background on parts.
- NON-DANGEROUS product
- Associated products:
 - Carrier Fluid: **FLUXO FS015**
 - Powder for **FLUXO 6D**
- Manufacturer: SREM TECHNOLOGIES

Approval & Specifications

- EN ISO 9934-2
- AMS 3044 « *Magnetic Particles, Fluorescent, Dry powder*
- SAFRAN In-5300, SAFRAN DMR70-520
- AIRBUS AITM6-2001
- ASTM E1444 - Section 5.8
- ASME BOILER AND PRESSURE VESSEL CODE, SECTION V
- Code RCC-M - Tome III
- ASTM E709

Properties

- Performance: 70mm in reference block Type 2
- Aspect & color: orange powder
- Particle size: around 5-10 µm
- Fluorescence coefficient : $\beta \approx 4 \text{ cd.W}^{-1}$
- 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: 0.8g/L in petroleum Carrier Fluid (**FLUXO FS015**)
- 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 1kg

