

### Approvals and conformities

ASME  
ISO 9934-2  
RCC-M  
ASTM-E-1444  
AMS 3044  
NFF 00-090

**MANUFACTURER: CIRCLE SYSTEMS (USA)**

### DESCRIPTION / APPLICATIONS:

Green magnetic powder designed for use in a solvent media. Used for revealing defects in magnetic testing.

**Companion products:** organic media K5500 or K9300  
KP118

### DIRECTIONS FOR USE

#### Preparation:

- for better results, add a small amount of oil to the powder and form a slurry prior to addition to the solvent.
- Recommended concentrations : 0.5 to 1,5 g/L
- The resulting product can be used within the 30 months following its dispersion in the K5500 or K9300.

#### Application:

- Shake vigorously the can before use.
- Spray the product on the part while magnetized. Let magnetisation ON for 2 to 3 seconds after spray-stop.
- Inspect in dimmed visible light (< 20 lux), with at least 1000  $\mu\text{W}/\text{cm}^2$  (better > 1500  $\mu\text{W}/\text{cm}^2$ ) of UV-A irradiance on the part, after eye adaptation, according standard EN ISO 3059.

### TECHNICAL CHARACTERISTICS

Appearance . . . . . yellow green powder  
Particles dimensions . . . . . 1 to 15µm / average value 5µm

## ***PRECAUTIONS FOR USE AND STORAGE***

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**Transport / Handling:** refer to MSDS (material safety data sheet)

**Storage :** temperature range: 0 to + 50°C

Keep away from moisture.

Keep packaging closed after taking out some of the product

**This technical data sheet replaces and cancels the previous one.**