



Nondestructive Testing

Product information
Magnetic particle inspection



MR[®] 121 Magnetic powder concentrate fluorescent, 1:200, watersuspendable

for magnetic particle inspection according DIN EN ISO 9934-1

General appearance and composition:

- water suspendable concentrate with fluorescent ferromagnetic particles
- medium particle size $d_a = 3 \mu\text{m}$
- yellow-green fluorescent under UV-radiation

Application:

- remove tinder, rust and other contaminations from surface in a suitable manner
- shake concentrate well
- dilute 1:200 in water
- according your requirements, add MR[®] 300 Corrosion inhibitor, MR[®] 400 Wetting agent and MR[®] 500 Anti-foam emulsion
- during magnetization (e.g. with a MR[®] Hand yoke) spray the preparation on the surface
- under UV-radiation discontinuities will appear as yellow-green fluorescent magnetic particle indications

Minimum durability:

- will keep for a minimum of 2 years, stored at room temperature

Pack sizes:

- 1 L, 10 L

