

Product Data Sheet

Powders for Dry Magnetic Particle Testing

Automag BD-1 : Black Powder for Dry Application

Automag RD-7 : Red Powder for Dry Application

Automag GD-8 : Grey Powder for Dry Application

Dry powder magnetic particle method is quite popular to find out surface and sub surface defects in ferro magnetic components and are used by spraying the powder in dry condition preferably by a suitable blower. Automag GD-8 is a product consisting of carefully controlled mixture of grey colour ferro magnetic particles of different sizes and shapes in order to obtain highest sensitivity. The smaller and round particles help to get better mobility and sensitivity whereas the large size and oval shape particles help to building up the indications and make them easily visible

Main Features

- Proper blend of round & oval shape particles to optimise the Sensitivity.
- Supplied in Variety of packings : 1 Kg/5Kg/20 Kg.
- Conform to the requirements of almost all the international specifications for Magnetic Particle Inspection, namely BS- 4069/6072, ASME-(B & PV Code) Sec V, ASTM E-709, IS-6410)
- Density / Sp. Gravity : 3.0 to 4.0
- Avg.Particle Size : 100 μm
- Performance Test : Satisfactory on Ketoes Ring, Standard Defect Plate & Pie Guage
- Suitable for all types of magnetisation methods