

# FlawGlo®

## Technical Data Sheet

### ARDP 07 / ABDP 01 / AGDP 08

Red / Black / Grey Dry Powder

Dry powder magnetic particle method is quite popular to find out surface and sub surface defects in ferro magnetic components and are used by sprinkling the powder in dry condition preferably by a suitable blower. ARDP 07 /ABDP 01 / AGDP 08 is a product consisting of carefully controlled mixture of black/red/grey colour ferro magnetic particles of different sizes and shapes 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.

#### General Appearance:

- Aspect: Red Dry Powder / Black Dry Powder / Grey Dry Powder

#### Properties:

- Color: Red / Black / Grey
- Mean Particle Size: 100 µm
- Sensitivity: FlawGlo ARDP 07 /ABDP 01 / AGDP 08 shows 6-7 lines on a Ketos tool steel ring, set on a 25mm diameter copper bar
- Density: 3 to 4 g/ml

#### Specification Compliance:

- IS-6410
- ASTM E 709
- ASME B & PV Code - Section V
- BS- 4069/6072

#### Application:

- Dry magnetic particles can be used by the rubber blower / spray bulb by sprinkling it on the specimen.
- The powder must be applied while the magnetizing current is on. If there is considerable amount of background build up, the excess powder can be gently blown off.

**Shelf Life:** Four (4) years, when closed containers are stored in a clean, dry environment away from excessive heat and cold.

**Pack size:** 1kg container

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