

For Wet Method Non-Fluorescent Magnetic Particle Inspection

DESCRIPTION

ZChek-9 Black is a black dry powder formulated to be used in wet method Magnetic Particle Inspection to detect discontinuities on light colored surfaces for optimum color contrast. Generally used for Non fluorescent Magnetic Particle inspection in Fabrication, castings & Bright Bars. 9 black may be suspended in either ZChek-801 cart oil or in water. When water as a vehicle use conditioning agents ZChek-WA9.

CONFORMANCE / APPROVALS

- ASME B & PV Code, Sec V
- EN ISO 9934-2
- AMS 3041
- ASTM E709
- ASTM E1444/ E1444M

FEATURES

- High Sensitivity
- High Contrast

APPLICATIONS

Detects Discontinuities like shrink cracks, tears, laps, flakes, welding defects, grinding cracks, and fatigue cracks..

TYPICAL PROPERTIES

Form	Free Flowing Powder
Color	Black
Particle size	< 20 Microns
SAE sensitivity	6 minimum
Upper Temperature Limit	80 °C



DIRECTIONS FOR USE

- Use 9 Black at 8-9 gram per liter of ZChek-801 cart oil.
- Spray on the part surface while magnetizing current is applied.
- Follow ASTM E1444 for the further processing.

PACK SIZES

- 1 Kg pack – Part #215613
- 1 Pound pack – Part #215610

HEALTH & SAFETY

Information on Health & Safety is made available through material safety data sheets and the same can be reviewed through the company's website www.zchem.in.

STORAGE & SHELF LIFE

Bulk packing have a Shelf Life of 5 Years, if unopened and stored as per ZChem recommendations.

Registered Office and Factory

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Disclaimer: We have taken best care to ensure that the information provided in this data sheet is accurate. Our product is guaranteed to conform to the specifications provided. We make no other warranty; hence the liability is limited to replacement of product only.