

**Approvals and conformities**

ASME  
RCC-M  
ISO 9934-2  
NFF 00-090  
ASTM-E-1444  
AMS 3042

**MANUFACTURER: Babb Co (FR)****DESCRIPTION / APPLICATION(S):**

BP 42 is a fine black magnetic powder, designed for Magnetic Testing (MT) in plain white light. The recommended concentration is between 6 and 9g/L of liquid. BP42 is easily dispersible in special petroleum K5500. BP42 powder is used in the manufacture of KP42 (petroleum-based, ready-to-use) and WCB42 (water-based, concentrated doses).  
**Companion products : /**

***DIRECTIONS FOR USE*****Recommended concentration:**

6 to 9 g/L

For better results, it is suggested to remove any scale, oxyde, paint particle, from the surface under inspection, as well as grease, oils or other pollutants.

To increase contrast, it is recommended first to apply a thin, even layer of white background B 104A.

While magnetising part, apply the magnetic detecting medium prepared with BP 42. Let magnetisation ON for 2 or 3 seconds after spray-stop.

Defects appear as clear black indications against a white background.

***TECHNICAL CHARACTERISTICS***

Colour ..... black powder  
Granulometry ..... 1-10 µm / average value 2µm

## **PRECAUTIONS FOR USE AND STORAGE**

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**Transport / Handling:** Refer to Material Safety Data Sheet (MSDS).

**Storage :** Keep away from moisture

Temperature range : -5°C à 50° C

Keep packaging closed after taking out some of the product

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

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