

# HeBoCoat® EL-W 300

Expert Line - Water + BN-10

**HeBoCoat® EL-W 300** is a highly-concentrated, water-based, boron nitride suspension which was developed especially as an additive for galvanic baths. The extremely fine boron nitride particles ensure good suspension stability and a high storage rate during the electroplating process.

- Advantages**
- ▶ Improved tribological properties of the galvanically-applied metal layer
  - ▶ Very good storage in galvanic layers, e.g. nickel layers
  - ▶ Can be added directly to the electroplating bath
  - ▶ Good stability up to pH 8.5
  - ▶ High powder fineness for good installation rates
  - ▶ Easy to process

- Properties**
- ▶ Improved friction behaviour, especially with high loads
  - ▶ Improved wear protection
  - ▶ High corrosion resistance under the given operating conditions for electroplated coatings
  - ▶ Temperature resistant in air up to 900°C

- Typical Areas of Application**
- ▶ Additive for galvanic nickel deposition

- Recommendations for Processing**
- ▶ Stir before use
  - ▶ We recommend a pre-diluted addition of the product in a part of the electroplating bath
  - ▶ A constant circulation of the electroplating bath ensures a high installation rate and homogeneous distribution

- Technical Data**
- ▶ Colour: White
  - ▶ Solid content: 30 %
  - ▶ Boron Nitride: 29 %
  - ▶ Density: 1.2 g/cm<sup>3</sup>
  - ▶ pH-value: 6

- Packing Units**
- ▶ 10 kg in PE bucket
- Different packing units available on request.

- Storage and Safety** Store in dry conditions, avoid frost. Minimum shelf life 12 months if stored in original packaging and appropriate conditions. For further information please refer to the current safety data sheet.



The data quoted in this leaflet are typical for the material. They are intended as a guide only and should not be used in preparing detailed specifications. Actual product data may deviate from the figures given. We reserve the right to alter product data within the scope of technical progress and new developments. Since processing involves factors that are beyond our control, recommendations made in this leaflet should be checked by preliminary trials, especially for third party applications. These recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, from clarifying the situation.