

# HeBoFill® BL-PC 060

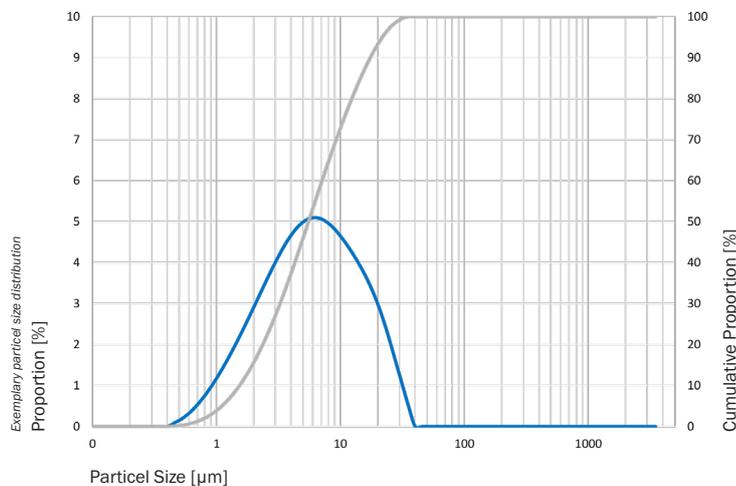
Basic Line - Poly Crystalline + D<sub>50</sub>:10

**HeBoFill® BL-PC 060** is a technical recycling quality which is produced during the machining of sintered boron nitride components. Composition and particle size distribution are adjusted by means of targeted processing. Due to the raw materials used, this powder also contains admixtures of valuable refractory zirconium and silicon compounds. Boron nitride is resistant up to 900°C in air and up to 2000°C under vacuum/inert conditions.

- Advantages**
- ▶ Low-cost alternative for technical applications
  - ▶ Good lubricating properties compared to other ceramic powders
  - ▶ Good release properties

- Typical Applications**
- ▶ As filler in coatings to improve the high-temperature properties
  - ▶ As base material for high-quality release coatings
  - ▶ As filler for refractory products

- Technical Values**
- ▶ Colour: light gray
  - ▶ Boron Nitride: approx. 70.0 %
  - ▶ Soluble Borates: approx. 1.0 %
  - ▶ Silica Compounds: approx. 10 %
  - ▶ Zirconia: approx. 15 %
  - ▶ Specific Surface Area (BET): 6 - 9 m<sup>2</sup>/g
  - ▶ Median Particle Size (D<sub>50</sub>): ~ 6 μm
  - ▶ Other Ceramic Components: 4 %



- Packing Units**
- ▶ 1 kg in plastic bags
  - ▶ 10 kg in hard paper drums

- Availability**
- ▶ Due to the recycling process the annual quantity is limited to approx. 5-6 t/a

**Storage and Safety** Keep dry. Original containers can be stored for at least 12 months from date of delivery. For further information, please refer to 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.