

HeBoFill® BL-SP 038

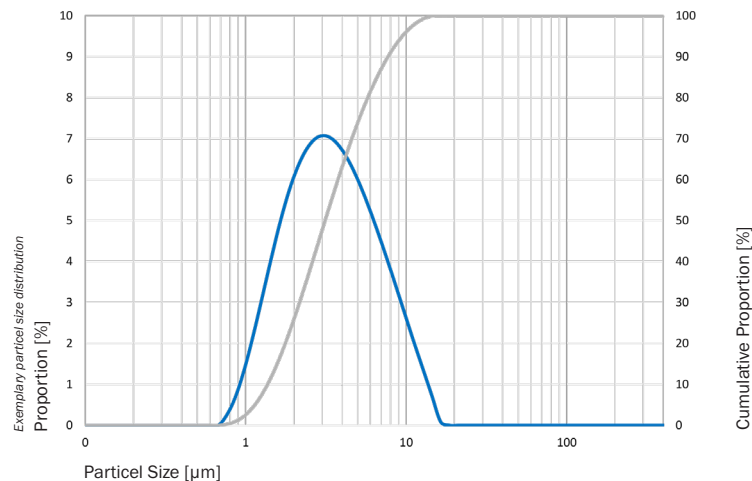
Basic Line - Single Platelet + D₅₀ 10

HeBoFill® BL-SP 038 is a boron nitride powder with high purity and a well-defined platelet structure. Due to its good crystallinity, the powder is suitable as a filler and additive for a wide range of applications.

- Advantages**
- ▶ High fineness
 - ▶ Low agglomeration
 - ▶ High purity
 - ▶ Good release and lubricating properties
 - ▶ Electrically insulating
 - ▶ Good thermal conductivity
 - ▶ Flame-retardant effect in plastics
 - ▶ Minimal tool wear compared to other fillers
 - ▶ Physiologically safe

- Typical Applications**
- ▶ Filler in release agents and lubricants
 - ▶ Filler in plastics to increase the thermal conductivity
 - ▶ In applications with particle size limitation

- Typical Values**
- ▶ Colour: White
 - ▶ Boron Nitride: > 99 %
 - ▶ Total Oxygen: < 1.0 %
 - ▶ Boron Oxide: < 0.3 %
 - ▶ Carbon: < 0.1 %
 - ▶ Specific Surface Area (BET): 18 - 25 m²/g
 - ▶ Median Particle Size (D₅₀): ~ 3.8 μm



- Packing Units**
- ▶ 1 kg in plastic bags
 - ▶ 10 kg and 25 kg in compressed fibre drums

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 the 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.

Henze Boron Nitride Products AG . Phone +49 8374.589 97-0 . info@henze-bnp.de . www.henze-bnp.de