

HeBoFill® LL-SP 050

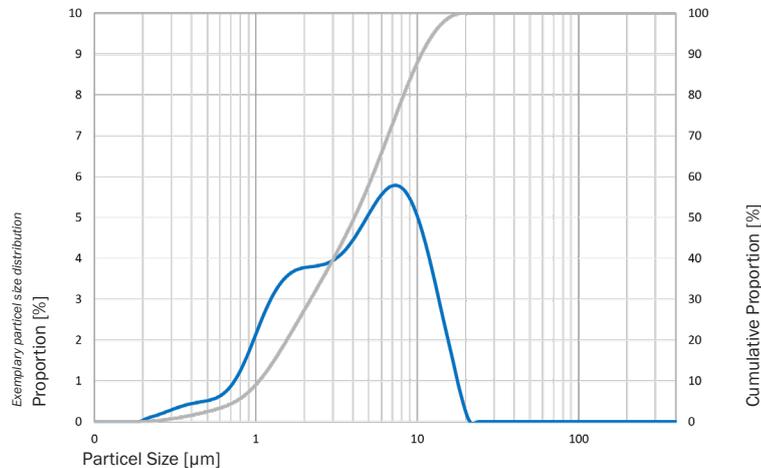
Lub Line - Single Platelet + D₅₀:10

HeBoFill® LL-SP 050 is a Boron Nitride powder with good crystallinity and a narrow grain size distribution. Its fine particle size and low agglomerate content makes it suitable for a wide variety of applications.

- Advantages**
- ▶ Optimum release and lubricating properties - also at high temperatures
 - ▶ Very high thermal conductivity
 - ▶ Good distribution within liquid systems
 - ▶ Electrically insulating
 - ▶ High purity
 - ▶ Very low formation of agglomerates
 - ▶ High specific surface area
 - ▶ Physiologically safe

- Typical Applications**
- ▶ Filler and additive in liquid release agents and refractory coatings
 - ▶ High temperature additive in lubricants
 - ▶ Filler for thermal management applications

- Typical Values**
- ▶ Colour: White
 - ▶ Boron Nitride: > 98.5 %
 - ▶ Total Oxygen: < 1.7 %
 - ▶ Boron Oxide: < 0.2 %
 - ▶ Carbon: < 0.1 %
 - ▶ Specific Surface Area (BET): ~ 14 m²/g
 - ▶ Median Particle Size (D₅₀): 5 μm



- Packing Units**
- ▶ 1 kg and 5 kg in plastic bags
 - ▶ 25 kg in hard paper 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 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.