

HeBoFill® CL-SP 015

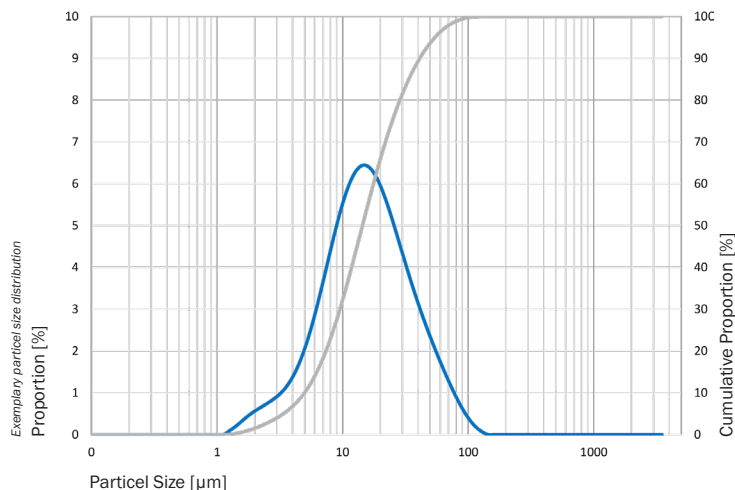
Cool Line - Single Platelet + D₅₀

HeBoFill® CL-SP 015 is a very pure boron nitride powder with an average particle size of 15 µm. This boron nitride grade has a low specific surface area combined with high crystallinity. This quality is particularly suitable as a filler and additive in polymers to increase the thermal conductivity without affecting the electrically insulating properties.

- Advantages**
- ▶ High thermal conductivity
 - ▶ High loading levels possible in the system
 - ▶ Low viscosity increase
 - ▶ Electrically insulating
 - ▶ Flame-retardant effect in plastics
 - ▶ Minimal tool wear compared to other filler materials

- Typical Applications**
- ▶ Filler in plastics to increase the thermal conductivity
 - ▶ In applications with particle size limitation and requirements for good mechanical properties

- Typical Values**
- ▶ Colour: White
 - ▶ Boron Nitride: > 99.7 %
 - ▶ Total Oxygen: < 0.3 %
 - ▶ Boron Oxide: < 0.1 %
 - ▶ Carbon: < 0.1 %
 - ▶ Specific Surface Area (BET): 2 -7 m²/g
 - ▶ Median Particle Size (D₅₀): 15 µm



- Packing Units**
- ▶ 1 kg in plastic bags
 - ▶ 10 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.