

HeBoFill® CL-SP 035

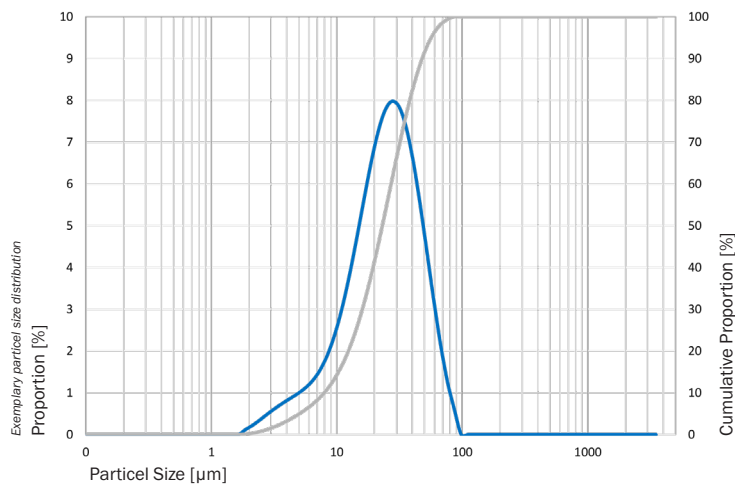
Cool Line - Single Platelet + D₅₀

HeBoFill® CL-SP 035 is a boron nitride powder with a coarse grain structure and high purity. Its average particle size is 35 µm. The very low specific surface area allows high loading levels with a minimum viscosity increase. It is particularly suitable as a filler in polymers, to increase the thermal conductivity without affecting the electrically insulating properties.

- Advantages**
- ▶ Very high thermal conductivity – also at low loading level
 - ▶ Electrically insulating
 - ▶ High purity
 - ▶ Very low specific surface area
 - ▶ Provides high loading levels
 - ▶ Large single crystals
 - ▶ Minimum tool wear compared to other filler materials
 - ▶ Physiologically safe

- Typical Applications**
- ▶ Filler in thermal management applications
 - ▶ Filler in thermal conductivity pastes and potting compounds
 - ▶ Filler for silicone resins, thermoplastics and thermosets

- Typical Values**
- ▶ Colour: White
 - ▶ Boron Nitride: > 99.0 %
 - ▶ Total Oxygen: < 0.5 %
 - ▶ Boron Oxide: < 0.1 %
 - ▶ Carbon: < 0.1 %
 - ▶ Specific Surface Area (BET): ~ 1 m²/g
 - ▶ Median Particle Size (D₅₀): ~ 35 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.