

Selection of Boron Nitride Powder qualities



	BASIC LINE All-rounder in powdered form					LUB LINE Lubrication in a new dimension					COOL LINE Cooling effect included		
	HeBoFill® BL-SP 020	HeBoFill® BL-SP 035	HeBoFill® BL-SP 038	HeBoFill® BL-SP 040	HeBoFill® BL-PC 060	HeBoFill® LL-SP 010	HeBoFill® LL-SP 050	HeBoFill® LL-SP 100	HeBoFill® LL-SP 120	HeBoFill® extrusion	HeBoFill® CL-ADM 020	HeBoFill® CL-SP 035	HeBoFill® CL-SP 045
Colour	White	White	White	White	Light Grey	White	White	White	White	White	White	White	White
Purity (B+N)	> 98.5 %	> 99.0 %	> 99.0 %	> 98.5 %	> 70.0 %	> 98.5 %	> 98.5 %	> 98.5 %	> 98.5 %	> 97.0 %	> 99.0 %	> 99.0 %	> 98,5 %
Oxygen	< 1.2 %	< 1.0 %	< 1.0 %	< 1.0 %	~ 12 %	< 1.5 %	< 1.7 %	< 1.3 %	< 0.7 %	< 1.0 %	< 0.5 %	< 0.5 %	< 0.5 %
Boron Oxide	< 0.2 %	< 0.2 %	< 0.3 %	< 0.1 %	~ 1.0 %	< 0.1 %	< 0.2 %	< 0.2 %	< 0.3 %	< 0.7 %	< 0.1 %	< 0.1 %	< 0.1 %
Carbon	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %	~ 0.7 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.3 %	< 0.1 %	< 0.1 %	< 0.1 %
Specific Surface Area (BET)	~ 20 m²/g	~ 13 m²/g	18-25 m ² /g	~ 13 m²/g	~ 6-9 m ² /g	~ 20 m²/g	~ 13 m²/g	~ 14 m²/g	~ 7 m ² /g	~ 7 m²/g	~ 3 m ² /g	~ 1 m²/g	~ 1 m²/g
Median Grain Size (D ₅₀)	2.0 µm	3.5 µm	3.8 µm	4.0 µm	~ 6.0 µm	1.0 µm	5.0 µm	10.0 µm	12.0 µm	10,0 μm	20,0 μm	35.0 µm	45.0 μm

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.