





















HeBoFill®

Selection of Boron Nitride Powders

HeBoFill® Grade	110	205	400	450	600	630	641
particle size D50 [µm]	3	0.5	5	30	9	9	10
purity [%]	> 98.5	> 98.5	> 98.5	> 98.5	> 97.0	> 97.0	> 98.5
max. Oxygen [%]	1.5	1.0	1.5	0.5	3.0	2.5	0.3
max. Boron Oxide [%]	0.1	0.1	0.1	0.2	0.5	0.2	0.2
max. Carbon [%]	0.1	0.1	0.1	0.1	0.1	0.1	0.1
specific surface area [m ² /g]	15	16 - 26	16	6 - 8	35 - 40	25 - 30	4 - 6
bulk density (not compacted) [g/cm ³]	0.35	0.2	0.3	0.4	0.5	0.35	0.35
typical areas of application							
solid lubricant surface technologies • plating • sintered metals • thermal spraying							
release & lubricating agent • cold metal forming • hot metal forming							
heat conductive filler • polymeres							
heat conductive powder • cartridge heaters • thermocouples • embedding of sinterparts							
high performance additive in • oils • greases							

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