

## BORON NITRIDE (BN) GRADE F 15

<b>Chemical Formula</b>	BN
<b>Chemical Name</b>	Boron Nitride
<b>Description of Product</b>	White Powder / Hexagonal
<b>HS Number</b>	28500020
<b>Grades Available</b>	<b>Product Designation</b> Boron Nitride (BN Grade F 15)

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### Chemical Characteristics

(Mass fraction in % [cg/g]; ppm [ $\mu\text{g/g}$ ])

#### Grade F 15

B	42.5 - 43.5 %
O	max. 1.0 %
B <sub>2</sub> O <sub>3</sub> (watersoluble)	max. 0.3 %
H <sub>2</sub> O	max. 0.15 %
C	max. 0.10 %

<b>Crystallographic Phase</b>	Hexagonal
<b>Structure</b>	High degree of crystallization.

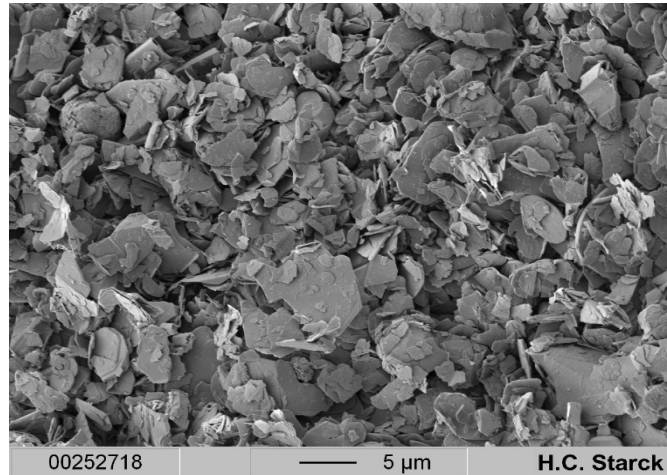
### Physical Characteristics

Specific Surface Area <sup>1)</sup>	10 - 20 m <sup>2</sup> /g
Tap Density <sup>2)</sup>	0.20 - 0.50 g/cm <sup>3</sup>

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1) TriStar by BET per ASTM D 3663, 2) TAP-PAK VOLUMETER per ASTM B 527 (25 ml grad. Cylinder).

SEM picture<sup>3)</sup>  
BN Grade F 15



## Packaging

BN Grade F 15  
Packaging according to transport regulations.  
20 kg in a specially coated 120 l fibre drum with a polyethylene bag.  
Packaging unit: 100 kg in 5 drums on CP 3 pallet.

## Storage and Handling

Storage and handling are subject to the rules and regulations in the country of use. A Material Data Sheet is supplied when a contract is concluded and in any case of amendments. Store in a closed container.

## Hazards identification in Advertising (REGULATION (EC) No 1272/2008 Article 48)

None.

## Documentation

An inspection document in accordance with EN 10204 is supplied with every shipment.

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