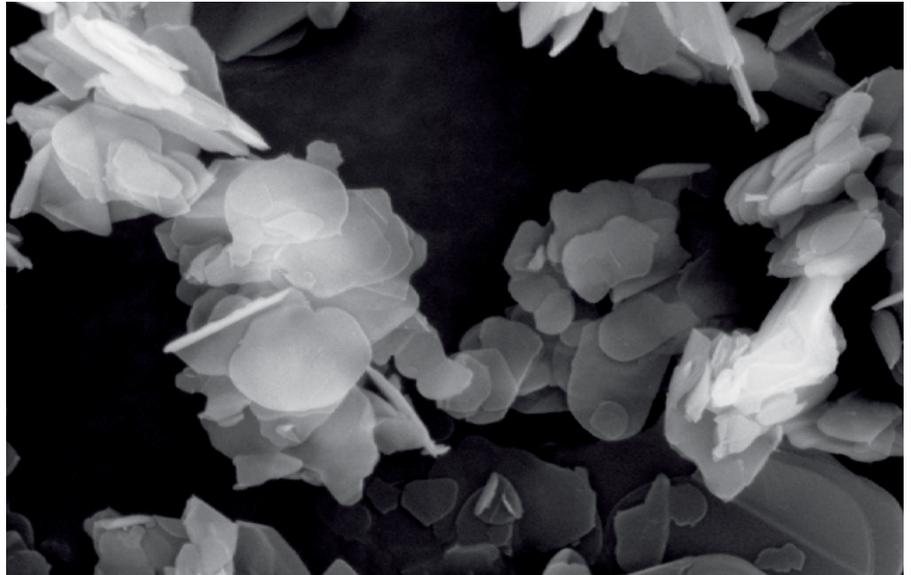




BORONEIGE® # 301 BORON NITRIDE POWDER

BORONEIGE® is ESK's high quality Boron Nitride powder for the cosmetics industry.



2.0 µm

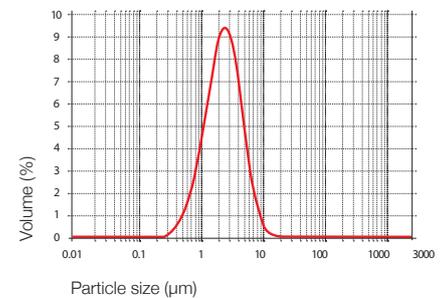
Hexagonal Boron Nitride

Colorless – white, deagglomerated powder of crystalline high purity hBN.

Additional information

Boron Nitride is physiologically inert.
CTFA designated: Boron Nitride

Analysis	
C	0.07 %
O	0.50 %
N	> 55.0 %
Ca	100 ppm
Si	20 ppm
Sol. borates	0.05 %
As	< 0.05 ppm
Pb	< 0.1 ppm
Hg	< 0.05 ppm
Bulk density (Scott)	0.10 g/cm ³
BET	12 m ² /g



Particle size distribution	
d(0.1)	1 µm
d(0.5)	3 µm
d(0.9)	12 µm
d(0.97)	20 µm

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The management system has been certified according to DIN EN ISO 9001, DIN EN ISO 14001. BORONEIGE® is a registered trademark of ESK Ceramics GmbH & Co. KG.

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BORONEIGE® # 601 BORON NITRIDE POWDER

BORONEIGE® is ESK's high quality Boron Nitride powder for the cosmetics industry.



5.0 µm

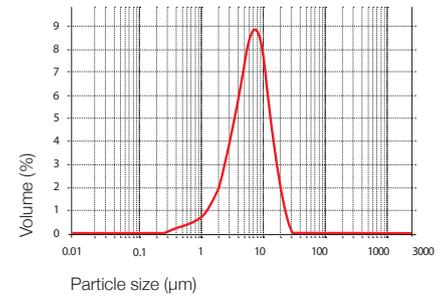
Hexagonal Boron Nitride

Colorless – white, deagglomerated powder of crystalline high purity hBN.

Additional information

Boron Nitride is physiologically inert.
CTFA designated: Boron Nitride

Analysis	
C	0.03%
O	0.4%
N	> 55.0%
Ca	40ppm
Si	10ppm
Sol. borates	0.02%
As	< 0.05 ppm
Pb	< 0.1 ppm
Hg	< 0.05 ppm
Bulk density (Scott)	0.11g/cm ³
BET	6m ² /g



Particle size distribution	
d(0.1)	1.7 µm
d(0.5)	6 µm
d(0.9)	18 µm
d(0.97)	30 µm

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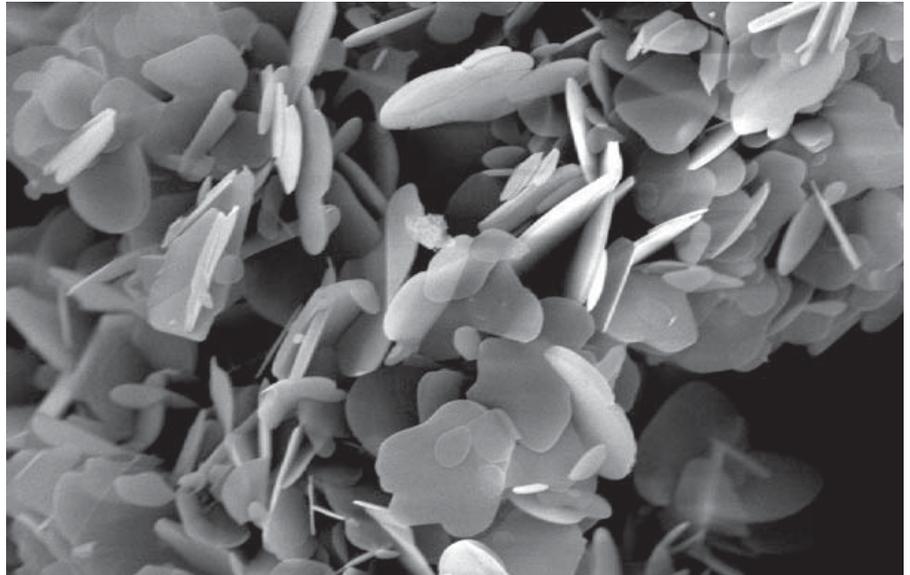
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BORONEIGE® # 602 BORON NITRIDE POWDER

BORONEIGE® is ESK's high quality Boron Nitride powder for the cosmetics industry.



5.0 µm

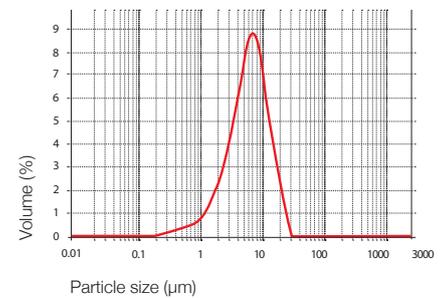
Hexagonal Boron Nitride

Colorless – white, deagglomerated powder of crystalline high purity hBN.

Additional information

Boron Nitride is physiologically inert.
CTFA designated: Boron Nitride

Analysis	
C	0.03%
O	0.40%
N	> 55.0%
Ca	80ppm
Si	10ppm
Sol. borates	0.04%
As	< 0.05 ppm
Pb	< 0.1 ppm
Hg	< 0.05 ppm
Bulk density (Scott)	0.11 g/cm ³
BET	5 m ² /g



Particle size distribution	
d(0.1)	1.8 µm
d(0.5)	6 µm
d(0.9)	18 µm
d(0.97)	30 µm

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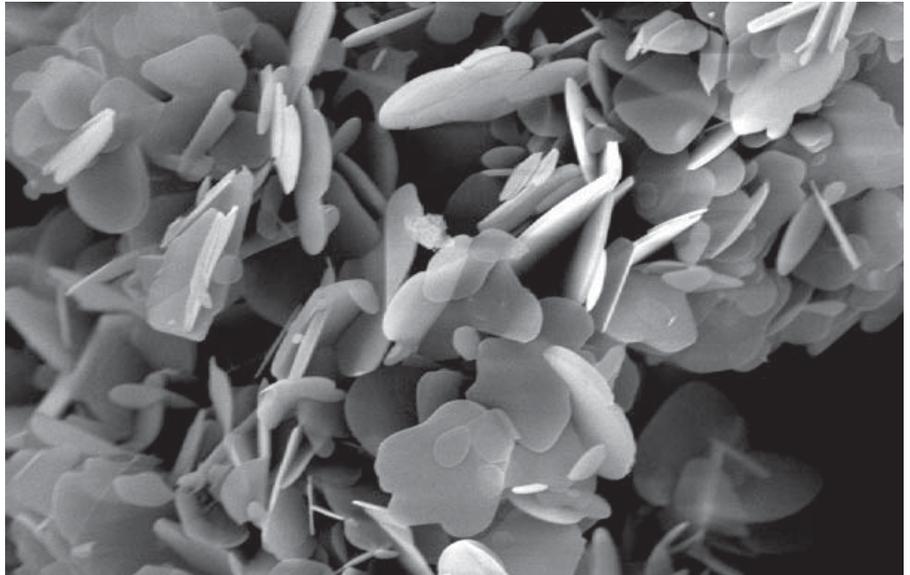
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BORONEIGE® # 602-DMC3 BORON NITRIDE POWDER

BORONEIGE® is ESK's high quality Boron Nitride powder for the cosmetics industry.



5.0 µm

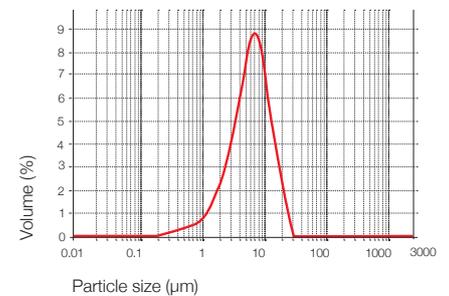
Hexagonal Boron Nitride

Colorless – white, deagglomerated powder of crystalline high purity hBN. Dimethicone-Methicone copolymer coating.

Additional information

Boron Nitride is physiologically inert.
CTFA designated: Boron Nitride

Analysis	
C	0.03%
O	0.40%
N	> 55.0%
Ca	80ppm
Si	10ppm
Sol. borates	0.04%
As	< 0.05 ppm
Pb	< 0.1 ppm
Hg	< 0.05 ppm
Bulk density (Scott)	0.11 g/cm ³
BET	5 m ² /g



Particle size distribution	
d(0.1)	1.8 µm
d(0.5)	6 µm
d(0.9)	18 µm
d(0.97)	30 µm

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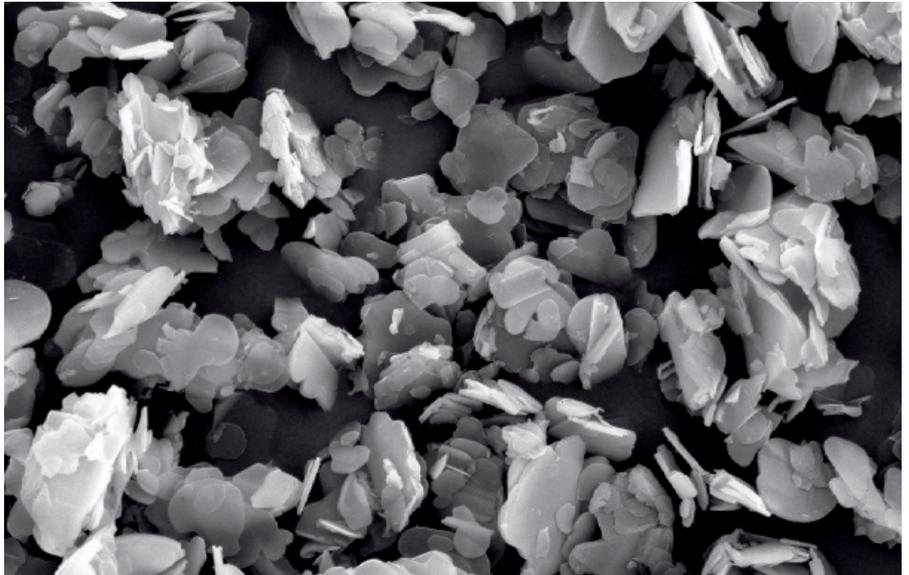
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BORONEIGE® # 901

BORON NITRIDE POWDER

BORONEIGE® is ESK's high quality Boron Nitride powder for the cosmetics industry.



10.0 µm

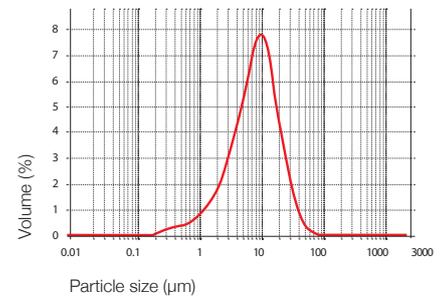
Hexagonal Boron Nitride

Colorless – white, deagglomerated powder of crystalline high purity hBN.

Additional information

Boron Nitride is physiologically inert.
CTFA designated: Boron Nitride

Analysis	
C	0.03%
O	0.40%
N	> 55.0%
Ca	80ppm
Si	10ppm
Sol. borates	0.04%
As	0.05ppm
Pb	< 0.1 ppm
Hg	< 0.05 ppm
Bulk density (Scott)	0.12 g/cm ³
BET	4 m ² /g



Particle size distribution	
d(0.1)	2 µm
d(0.5)	9 µm
d(0.9)	21 µm
d(0.97)	30 µm

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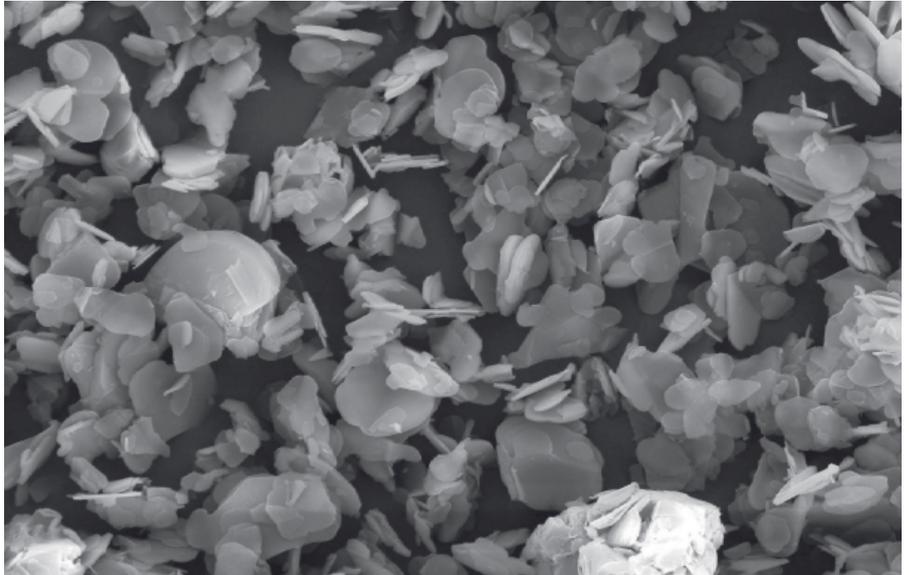
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BORONEIGE® # 1201

BORON NITRIDE POWDER

BORONEIGE® is ESK's high quality Boron Nitride powder for the cosmetics industry.



10.0 µm

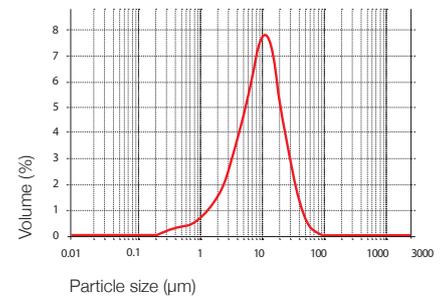
Hexagonal Boron Nitride

Colorless – white, deagglomerated powder of crystalline high purity hBN.

Additional information

Boron Nitride is physiologically inert.
CTFA designated: Boron Nitride

Analysis	
C	0.02 %
O	0.40%
N	> 55.0%
Ca	20ppm
Si	20ppm
Sol. borates	0.03%
As	< 0.05 ppm
Pb	< 0.1 ppm
Hg	< 0.05 ppm
Bulk density (Scott)	0.14 g/cm ³
BET	< 2.5 m ² /g



Particle size distribution	
d(0.1)	3µm
d(0.5)	12µm
d(0.9)	28µm
d(0.97)	36µm

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BORONEIGE® # 1501

BORON NITRIDE POWDER

BORONEIGE® is ESK's high quality Boron Nitride powder for the cosmetics industry.



10.0 µm

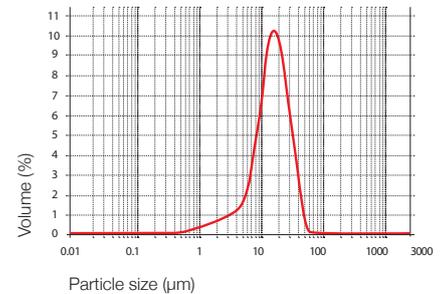
Hexagonal Boron Nitride

Colorless – white, deagglomerated powder of crystalline high purity hBN.

Additional information

Boron Nitride is physiologically inert.
CTFA designated: Boron Nitride

Analysis	
C	0.024 %
O	0.35 %
N	> 55.0 %
Ca	30 ppm
Si	10 ppm
Sol. borates	0.02 %
As	< 0.05 ppm
Pb	< 0.1 ppm
Hg	< 0.05 ppm
Bulk density (Scott)	0.17 g/cm ³
BET	2 m ² /g



Particle size distribution	
d(0.1)	4 µm
d(0.5)	15.0 µm
d(0.9)	32 µm
d(0.97)	38 µm

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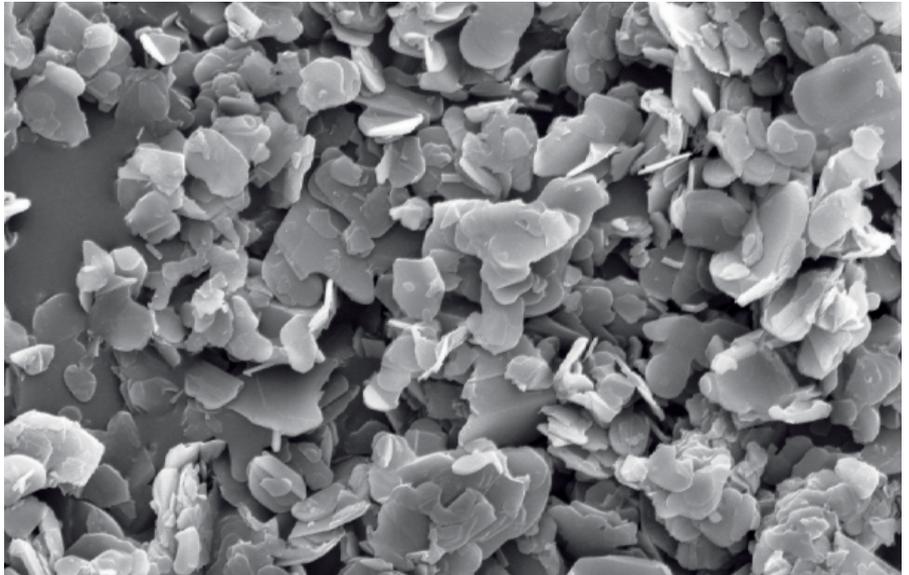
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BORONEIGE® # 1501-DMC3 BORON NITRIDE POWDER

BORONEIGE® is ESK's high quality Boron Nitride powder for the cosmetics industry.



10.0 µm

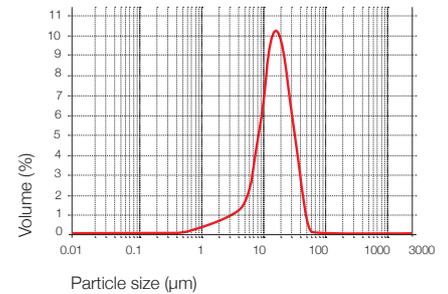
Hexagonal Boron Nitride

Colorless – white, deagglomerated powder of crystalline high purity hBN. Dimethicone-Methicone copolymer coating.

Additional information

Boron Nitride is physiologically inert.
CTFA designated: Boron Nitride

Analysis	
C	0.024 %
O	0.35 %
N	> 55.0 %
Ca	30 ppm
Si	10 ppm
Sol. borates	0.02 %
As	< 0.05 ppm
Pb	< 0.1 ppm
Hg	< 0.05 ppm
Bulk density (Scott)	0.17 g/cm ³
BET	2 m ² /g



Particle size distribution	
d(0.1)	4 µm
d(0.5)	15.0 µm
d(0.9)	32 µm
d(0.97)	38 µm

PL/BORONEIGE® # 1501-DMC3 / e-11-2007

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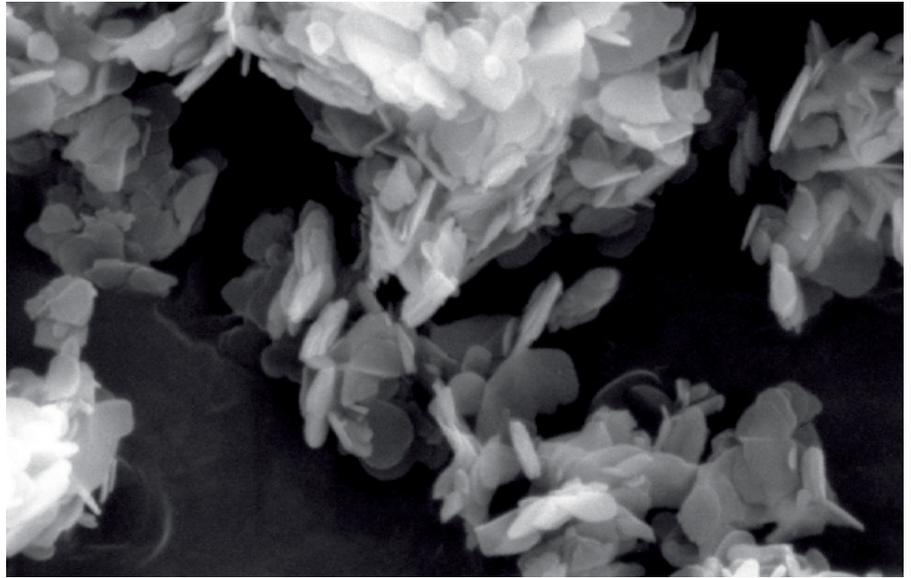
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BORONEIGE® SUPERFINE BORON NITRIDE POWDER

BORONEIGE® is ESK's high quality Boron Nitride powder for the cosmetics industry.



1.0 µm

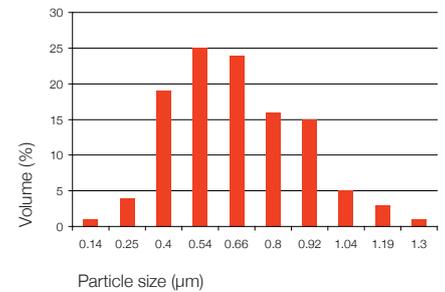
Hexagonal Boron Nitride

Colorless – white, deagglomerated powder of crystalline high purity hBN.

Additional information

Boron Nitride is physiologically inert.
CTFA designated: Boron Nitride

Analysis	
C	0.09%
O	0.50%
N	> 55.0%
Ca	150 ppm
Si	35 ppm
Sol. borates	0.05%
As	< 0.05 ppm
Pb	< 0.1 ppm
Hg	< 0.05 ppm
Bulk density (Scott)	< 0.11 g/cm ³
BET	22 m ² /g



Particle size distribution	
d(0.1)	0.3 µm
d(0.5)	0.5 µm
d(0.9)	0.8 µm
d(0.97)	1 µm

BORONEIGE® Superfine/e - 0207

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