

FEATURES & BENEFITS

Aaheim - NORWAY

BLUEGUARD® removes heavy metals from contaminated water – efficiently, effectively and naturally. This product is produced with adherence to ISO 9001, ISO 14001 and ISO 50001; quality, environmental and energy management systems.

Chemical Data – XRF

Mean values. These do not represent a specification.

MgO	43.9	%	Fe ₂ O ₃	6.4	%
SiO ₂	37.7	%	CaO	4.3	%

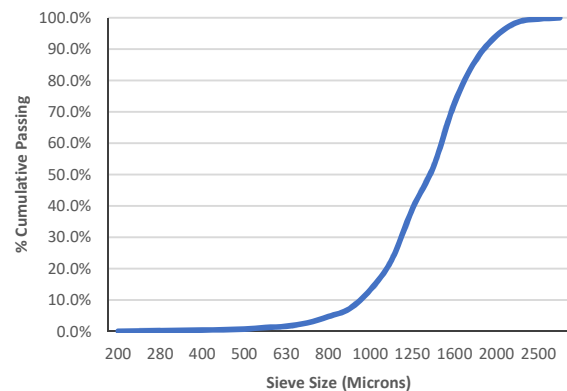
Granulometric Data & Physical Characteristics

Mean values. These do not represent a specification.

Particle size distribution

	Sieve Size	Unit	Passing
>	2800	µm	100%
>	2500	µm	99.6%
>	2240	µm	98.6%
>	2000	µm	94.3%
>	1800	µm	86.4%
>	1600	µm	72.8%
>	1400	µm	52.6%
>	1250	µm	39.1%
>	1120	µm	22.7%
>	1000	µm	13.3%
>	900	µm	7.2%
>	800	µm	4.7%
>	710	µm	2.7%
>	630	µm	1.6%
>	560	µm	1.2%
>	500	µm	0.7%
>	450	µm	0.5%
>	400	µm	0.4%
>	355	µm	0.3%
>	280	µm	0.2%
>	224	µm	0.1%
>	200	µm	0.0%

Typical cumulative passing (%)



Physical properties

Parameter	Unit	Typical Value
Product Grade	mm	1.0-3.0
Oversize	%	0.1
Undersize	%	0.7
Density	kg/dm ³	3.2
Bulk density loose	kg/dm ³	1.6
Bulk density packed	kg/dm ³	1.8
Loss on ignition (LOI)	%	4.8
Moisture content	%	3.8
Loss on Attrition	%	1.45
Maximum Hydraulic Conductivity	m/h	10

Sieve measurements based on ISO-3310-1 or ISO 3310-2. Bulk density measurements based on ISO 13503-2. Loss on Attrition measurements based on ASTM D 4058-96 (2020).

D Values

D Value	Unit	Value
Effective Size (D10)	Microns	950
D60	Microns	1480
Uniformity coefficient (D60/D10)	(-)	1.5

For Product Information & Customer Service

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