



FILTER SAND AND GRAVEL

FOR WATER TREATMENT

Possible uses

- Pool
- Filtration
- Drinking water treatment
- Wastewater treatment
- Well construction
- Drilling
- Spring intakes
- Groundwater lowering

Plant Haida Filter sand		Plant Haida Filter gravel	
HF _s	0,4 – 0,8 mm	HF _k	2 – 3,15 mm
HF _s	0,5 – 1,0 mm	HF _k	3,15 – 5,6 mm
HF _s	0,71 – 1,25 mm	HF _k	5,6 – 8 mm
HF _s	1 – 1,6 mm	HF _k	8 – 16 mm
HF _s	1 – 2 mm		

Physical parameters	
Density	~ 2,65 Mg/m ³
Bulk density	~ 1,45 – 1,65 Mg/m ³
Shape	rounded edges
Sintering point	>1450 °C
pH-Value*	~ 7
Residual moisture	≤ 0,1 %
Clay content /proportion of fines	< 0,3
Hardness (Mohs)	~ 7

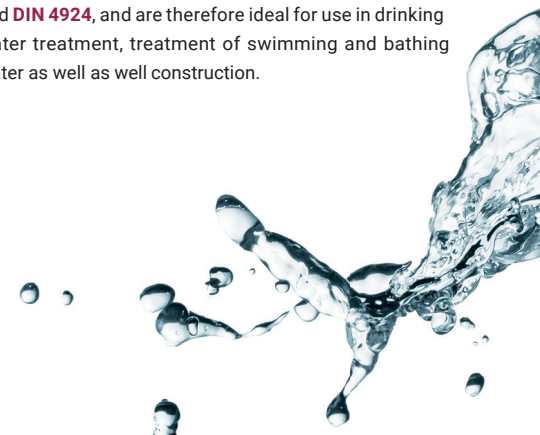
* VDg-Specifications p 26

The listed qualities are in-house and third-party monitored and fulfill, due to their chemical composition the highest level demanded (Type 1) according to DIN EN 12904 for water treatment and according to DIN 4924 for well construction.

Screening is performed by a Vibratory Sieve Shaker AS 200 control from Retsch (sample weight 200g sand / 500g gravel, screening time 5 min, amplitude 1.5) in plant Haida.

High quality industrial mineral

Filter sand and gravel is a natural product which becomes by using modern processing techniques a high quality industrial mineral. Our filter sand and -gravel meet the requirements specified in **DIN EN 12904**, **DIN EN 15798** and **DIN 4924**, and are therefore ideal for use in drinking water treatment, treatment of swimming and bathing water as well as well construction.



Quality characteristics

- High quartz content (SiO₂)
- High purity
- Long-term quality- and energymanagement
- Accurately separated grain fractions
- Individual product mixtures are available
- Reliable on-time delivery and in variable packaging sizes



Certification

DIN EN ISO 9001:2015 /
DIN EN ISO 50001:2018



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