



FILTER SAND 80 AND 120

Dry quartz sand for water treatment

- ▶ According to EN 12904 and DIN 4924
- ▶ Of natural origin or further processed
- ▶ Exceptional chemical purity: 96-99% SiO₂
- ▶ 2x washed – do not contain organic impurities
- ▶ Correct granularity and exceptional mechanical properties
- ▶ Biologically impeccable
- ▶ Filter Sand 80 (0,4-0,8 mm)
- ▶ Filter Sand 120 (0,7-1,2 mm)



PRODUCT DESCRIPTION Quartz filter sands according to EN 12904 and DIN 4924 of grain sizes 0,4-0,8 mm an 0,7-1,2 mm. Quartz filter sands are obtained from specially selected quartz deposits. They are prepared with the latest technology of washing and wet separation. Are of natural origin or further processed and are of exceptional chemical purity (96-99% SiO₂). They do not contain organic impurities have a correct granularity and exceptional mechanical properties.

FIELD OF USE Quartz filter sands provide ideal conditions for optimum water filtration in all types of water filters. For the filtration and purification of drinking water, process water treatment, waste water treatment.

- PRODUCT PROPERTIES**
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PRODUCT DATA

BASIC INFORMATION

Appearance White sand

Packing 25 kg in PE bag/ 1000 kg (40x25 kg) on pallet

Storage and expiration date Unlimited if stored properly in undamaged original sealed packaging in dry and cool conditions. Date of production is printed on packaging.

Table 1: PHYSICAL- MINERALOGICAL INFORMATION

Hardness according Mohs	7
Loss on ignition	< 0,2 %
Sintering temperature	above 1500°C
Softening point	above 1720°C
Density of grains	2636 kg/m ³
Moisture	up to 4 %

Table 2: CHEMICAL ANALYSIS

SiO ₂	> 96 %
Fe ₂ O ₃	0,297 %
Al ₂ O ₃	0,658 %
TiO ₂	0,032 %
CaO	0,041 %
MgO	0,027 %
P ₂ O ₅	0,009 %
K ₂ O	0,104 %

INSTRUCTIONS FOR USE

LIMITATIONS

Data source: All technical data in this technical sheet was obtained by laboratory research. Actual data may differ due to different working conditions.

Local restrictions: Due to specific local regulations the installed product can differ from country to country. For exact instructions for use a country specific technical sheet should be obtained.

SAFETY DATA

More data on storage, handling and use of mixture can be found in the safety sheet which contains safety, toxicological and ecological data. Warnings on the original packaging should also be considered.



LEGAL BASE

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