

Technical Datasheet	<i>Aqua-sand</i> according to EN 12904, Type 1	QMS-No. GBT12111
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General

Aqua-sand is a 100 % natural silica sand, through an elaborate refining process, together with constant quality control, elevated to a top quality media – free of clay, dust, organic matter or any other contamination, thus meeting all international standards.

Aqua-sand assure:

- high purity of the treated water,
 - longer life of the filter beds,
- because of:
- high silica content,
 - accurate grading through thorough classification,
 - chemical resistance.

Applications

Filtration of

- potable water, surface water as well as ground water,
- swimming-pool water,
- waste water,
- sewage.

Chemical analysis

		Average figures	EN 12904, Type 1
SiO ₂	mass-%	> 97	> 96
Fe ₂ O ₃	mass-%	< 1	< 2
Al ₂ O ₃	mass-%	< 1	< 3

Physical characteristics

		Average figures	EN 12904, Type 1
Density	g/cm ³	2.6	2.5 - 2.8
Bulk density	kg/m ³	1500	1400 - 1700
Acid solubility 24 h in 20 % HCl	mass-%	< 1	< 2

Shape round, spherical

Colour white, white to yellow

Sizes available Sizes to all international standards upon request.
We produce special sizes perfectly meeting customer's specification as to the *effective size* and *uniformity coefficient*.

Packaging

- 25 kg PE bags, palletised and shrink-wrapped,
- Big-bags,
- Bulk carriers.