



# AQUA-SAND DATA SHEET

Filtermedia for Water Treatment  
EN 12904, Type 1

## 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

		Average figures	EN 12904, Type 1
<b>Chemical analysis</b>	SiO <sub>2</sub>	mass (%)	> 97
	Fe <sub>2</sub> O <sub>3</sub>	mass (%)	< 1
	Al <sub>2</sub> O <sub>3</sub>	mass (%)	< 1

## Physical characteristics

		Average figures	EN 12904, Type 1
<b>Density</b>	g/cm <sup>3</sup>	2.6	2.5 – 2.8
<b>Bulk density</b>	kg/m <sup>3</sup>	1500	1400 - 1700
<b>Acid solubility</b>	mass (%)	< 1	< 2
<small>24h in 20% HCl</small>			
<b>Shape</b>	Round, spherical		
<b>Colour</b>	White, white to yellow		
<b>Sizes available</b>	Sizes to all international standards		
<small>Upon request</small>			

## Packaging

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