



AQUA-JURAPERLE DATA SHEET

Filtermedia for Water Treatment EN 1018,

General

Aqua-juraperle is a granular filter medium with a purity of 99.1 % calcium carbonate. Because of its microcrystalline structure, it is superior to ordinary limestone.

Aqua-juraperle keeps its activity for pH-adjustment even after removal of high concentrations of iron and manganese.

Applications

Aqua-Juraperle is commonly used for:

- CO -removal resulting in pH-increase and demineralisation of soft water
- Demineralisation of distillate and/or R.O.-water
- removal of iron and manganese as well as aluminium

Chemical Analysis

		Average figures	EN 1018, Type 1
CaCO	mass-%	99.1	> 98
SiO ₂ + Al ₂ O	mass-%	0.34	—
Fe ₂ O	mass-%	0.04	—
<u>Trace elements</u>			
Arsenic	As	mg/kg	< 0.5
Cadmium	Cd	mg/kg	< 0.5
Chromium	Cr	mg/kg	< 2
Mercury	Hg	mg/kg	< 0.01
Selenium	Se	mg/kg	< 0.5
Antimony	Sb	mg/kg	< 0.5

Physical characteristics

		Average figures	EN 1018, Type 1
Density	g/cm ³	2.7	2.71
Bulk density	kg/m ³	1500	1000 – 1500
Shape	Broken, irregular		
Sizes available	0.5 - 1.2 mm, 1.0-2.0 mm, 2.0 - 3.0 mm, 3.0 - 4.0 mm, 4.0 - 6.0 mm		

Packaging

- 25 kg plastic bags, palletised, shrink-foiled
- Big bags
- Bulk-carriers