



Technical Data



HARCOURT

MINERALS

Juraperle 3.0-4.0mm

Juraperle is a granular filter medium with a purity of 99.1 % calcium carbonate. Because of its micro-crystalline structure, it is superior to ordinary limestone. Juraperle keeps its activity for pH-adjustment even after removal of high concentrations of iron and manganese.

Juraperle is commonly used for CO₂ removal resulting in pH-increase and remineralisation of soft water, remineralisation of distillate and/or R.O. water and removal of iron and manganese as well as aluminium.

Chemical Analysis			
		Average figures	EN 1018, Type I
CaCO ₃	mass-%	99.1	> 98
SiO ₂ + Al ₂ O ₃	mass-%	0.34	N/A
Fe ₂ O ₃	mass-%	0.04	N/A

Trace elements

Arsenic (As)	mg/kg	< 0.5	3
Cadmium (Cd)	mg/kg	< 0.5	2
Chromium (Cr)	mg/kg	< 2	10
Mercury (Hg)	mg/kg	< 0.01	0.5
Lead (Pb)	mg/kg	< 0.5	10
Selenium (Se)	mg/kg	< 0.5	3
Antimony (Sb)	mg/kg	< 0.5	3

Physical Characteristics

		Average figures	EN 1018, Type I
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.		

