



Technical Data

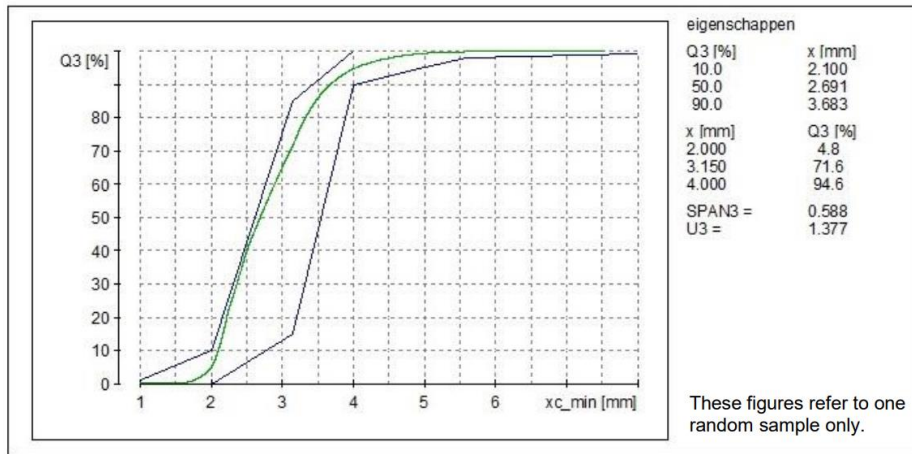


Calibrated quartz gravel 2.0-3.15mm

Sand for treating water intended for human consumption. In accordance with European assessment document EN 12904:2005. Washed and classified, disinfected and dried by heat, reprocessed and accurately sieved.

Grain size gradation:		
Sieve size (mm)	Typical in % passing through sieve	Specification
8.0	99.9	99-100
5.6	99.2	98-100
5.0	98	95-100
4.0	95	90-100
3.15	75	15-85
2.0	5	0-10
1.0	0.1	0-1
rest	traces	0-1

Physical characteristics	
Specific gravity	2.65 g/cm ³
Particle density loose	1.50 g/cm ³
Particle density compacted	1.68 g/cm ³
Colour	Pearl white
Structure	Closed
Shape	≥ 80% spherical
Foreign matter	None
Softening point	>1200 °C
Melting point	>1500 °C
Hardness	7 Mohs



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Chemical Composition in % (XRF)			
Silicon	SiO ₂	98.6	Type 1 (≥96)
Aluminium	Al ₂ O ₃	0.48	Type 1 (≤2)
Potassium	K ₂ O	0.46	Type 1 (≤3)
Iron	Fe ₂ O ₃	0.33	Type 1 (≤2)
Calcium	CaO	0.04	Type 1 (≤1.5)
Sodium	Na ₂ O	0.02	Type 1 (≤1.5)
Soluble	in acid	0.13	Type 1 (≤2)
Loss on ignition		550 °C	<0.2
Water		H ₂ O	<0.05
Titanium		TiO ₂	0.04
Magnesium		MgO	0.04
Sulphur		SO ₃	0.02
Phosphorus		P ₂ O ₅	0.01
Fluorine		Pfas	none