



Technical Data

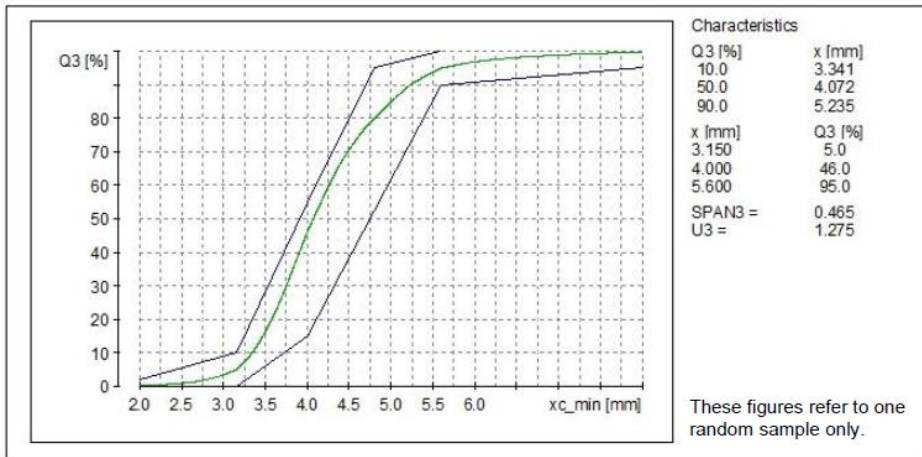


Calibrated quartz gravel 3.15-5.6mm

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
11.2	100	100
8.0	99.5	95-100
5.6	92.5	90-100
4.0	40	15-55
3.15	3.5	0-10
2.0	0.1	0-2
rest	traces	0-1

Physical characteristics	
Specific gravity	2.65 g/cm ³
Particle density loose	1.45 g/cm ³
Particle density compacted	1.65 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	98.4	Type 1 (≥96)
Aluminium	Al ₂ O ₃	0.6	Type 1 (≤2)
Potassium	K ₂ O	0.3	Type 1 (≤3)
Iron	Fe ₂ O ₃	0.1	Type 1 (≤2)
Calcium	CaO	<0.02	Type 1 (≤1.5)
Sodium	Na ₂ O	<0.02	Type 1 (≤1.5)
Soluble	in acid	0.1	Type 1 (≤2)
Loss on ignition		550 °C	<0.2
Water		H ₂ O	0.1
Magnesium		MgO	<0.05
Sulphur		SO ₃	<0.02
Phosphorus		P ₂ O ₅	<0.02
Fluorine		Pfas	none