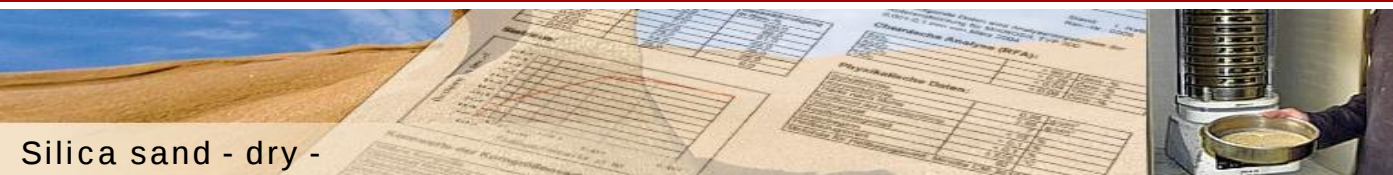


Product Data Sheet

Silica sand - dry -
grain size: 0.5 - 1.2 mm

issue
2019-04-05
plant: Dorsten

Values from March 2019

Recommended bulk density for calculation	1.6 g / cm ³
Residual moisture	< 0,2%

Literature values

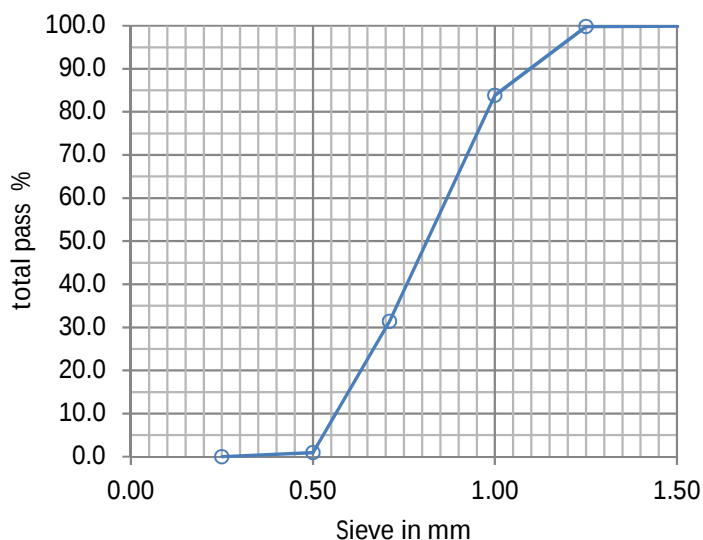
Moh's hardness	7
particle density	2.65

Particle size distribution

The following values are mean values of our permanent factory production control in the period:

July 2018 - December 2018

size of verify sieve in mm	residuum content weight. %	total pass weight. %
1.800	0.00	100.0
1.250	0.20	99.8
1.000	16.00	83.8
0.710	52.40	31.4
0.500	30.50	0.9
0.250	0.90	0.0
< 0.063	0.00	
	100.0	
d ₁₀		0.56
d ₅₀ median particle size		0.81
d ₆₀		0.87
d ₉₀		1.1



Please consider the afore mentioned product dates are statistical values.

Variations are naturally possible!
Dates according to DIN 4924 from March 2019

SiO ₂	> 97 %
Al ₂ O ₃	1.27%
Fe ₂ O ₃	0,42 %
K ₂ O	0.39%
Na ₂ O	0.26%
TiO ₂	0.05%

Acid resistance according to EN 12902:	0,31 %
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Reference grain size 2019
2,0 - 3,15 mm

The chemical composition of all fractions is similar, because the raw material for the production of filter gravel comes from a deposit with an amount of 0-63 mm. To save costs each year only one reference grain size from the range is analyzed. The reference grain size changes from year to year..