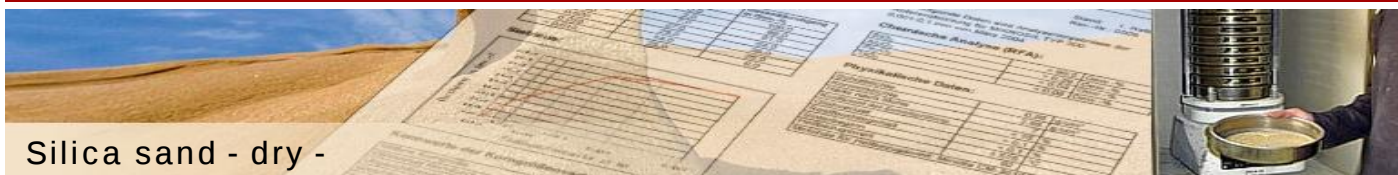


Product Data Sheet



grain size: 0.5 - 1 mm

plant: Dorsten

issue

2020-02-24

Values from January 2020

Recommended bulk density for calculation	1.6 g / cm ³
Residual moisture	< 0.2%

Literature values

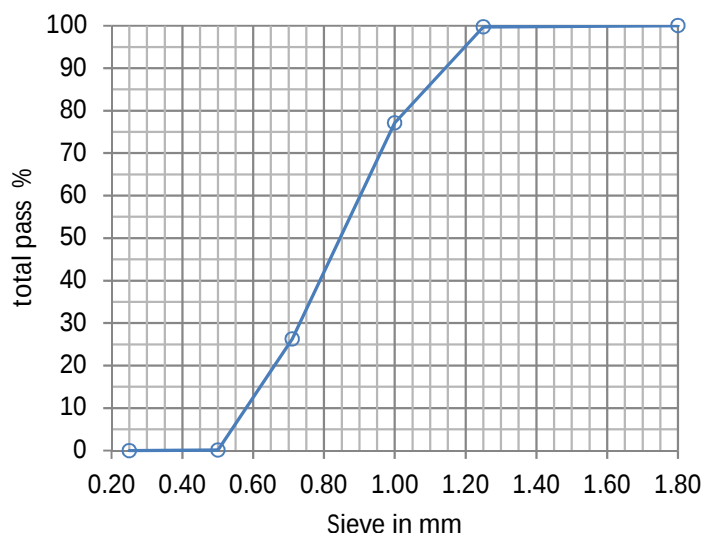
Literature Values	
Moh's hardness	7
particle density	2.65

Particle size distribution

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

July 2019 - December 2019

size of verify sieve in mm	residuuum content weight. %	total pass weight. %
1.8	0.00	100
1.25	0.32	99.68
1	22.58	77.1
0.71	50.83	26.27
0.5	26.15	0.12
0.25	0.12	0
< 0.25	0.00	
	100.00	
d ₁₀		0.58
d ₅₀ median particle size		0.845
d ₆₀		0.9
d ₉₀		1.14
Unifomity coeffizient (U) d ₆₀ /d ₁₀		



Please consider the afore mentioned product dates are statistical values.

Variations are naturally possible!

Dates according to DIN 4924 from January 2020

SiO ₂ :	> 96 Gew. %
Al ₂ O ₃	1,56 Gew. %
Fe ₂ O ₃	0,22 Gew. %
K ₂ O	0,91 Gew. %
Na ₂ O	0,10 Gew. %
TiO ₂	0,02 Gew. %
acid resistance to EN 12902	< 0.2 %

Reference grain size 2020: 0.4 - 0.8 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..