

Quartz sand

Chemical composition:

SiO₂ -Anteil > 97 M.-%
 Al₂O₃ -Anteil < 1.7 M.-%
 Fe₂O₃ -Proportion < 0.2 M.-%
 CaO-Anteil < 0,04 M.-%
 K₂O share < 1.1 M.-%
 Na₂O content < 0.03 m.-%
 SO₃ content < 0.01 M.-%
 P₂O₅ -Proportion < 0.01 M.-%
 Glühverlust < 0.11 M.-%

Physical Properties:

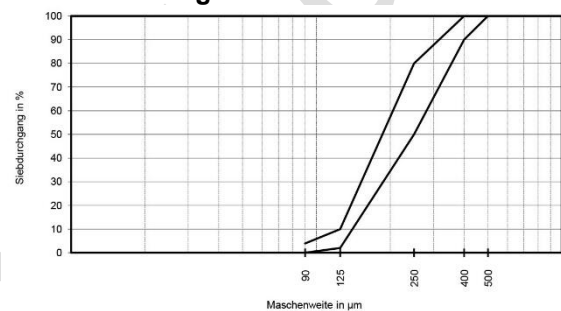
Bulk density 1.41 t/m³
 Spec density 2.64 g/cm³
 Residual moisture < 0.1 %

Grain size distribution:

Quartz sand 0.1 - 0.4 mm dry

Mesh size in µm	Sieve passage in M.-%
90	2
125	6
250	75
400	97
500	100

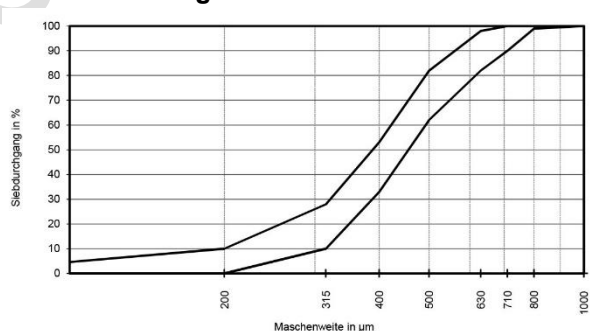
Sieve curve range



Quartz sand 0.2 - 0.7 mm dry

Mesh size in µm	Sieve passage in M.-%
63	0
200	3
315	21
400	45
500	71
630	91
710	96
800	99
1000	100

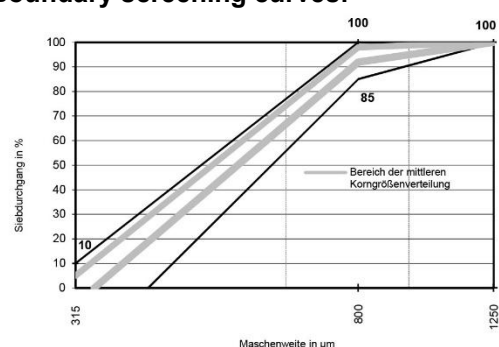
Sieve curve range



Quartz sand 0.3 - 0.8 mm dry

Mesh size in µm	Screen residue in M.-%	Sieve passage in M.-%
0		
315	>90	<=10
800	<15	>=85
1250	<0.1	>=99,9

Boundary screening curves:



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