

Filter Sands are sorted and standardized products by their chemical and physical reference numbers. They are mainly used in water treatment plants. Filter sand is characterized by high chemical purity and precise grain separation. Its concentration of silicon dioxide SiO₂ is above 98 %. All types of filter sand are supplied in 25kg paper bags.



Grain Distribution (typical values in mass %)

Grade Class [mm]	0.5 - 1	1 - 2	1.6 - 4
> 4			20
4 - 2		10	75
2 - 1.4		80	
1.4 - 1	10		5
1 - 0.5	85	10	
< 0.5	5		

Chemical and physical properties (typical values)

SiO ₂	[%]	99.0
Fe ₂ O ₃	[%]	0.030
Al ₂ O ₃	[%]	0.300
TiO ₂	[%]	0.050
CaO	[%]	0.020
MgO	[%]	0.020
Humidity (moist/dry)	[%]	6 / 0.1
Frost resistance - decrease after 25 freezing cycles	[%]	0.2