

GLASS SANDS FINE

Sands with extremely high content of SiO₂ are an exclusive raw material for the glass industry and a wide range of use in other areas. The sands are being sold wet or dried, in bulk or in bags, transported on trucks or wagons.

GRANULARITY AND OTHER CHARACTERISTICS

	STJ 06	STJ 09	STJ 12	STJ 25		Method
Middle Grain Size (d50)	0,21	0,22	0,20	0,20	mm	screening
AFS	63	63,5	69	69		screening
Bulk Weight	1,41	1,41	1,41	1,41	t/m ³	
> 500 µm					%	screening
> 400 µm	0	0	0,1	0,1	%	screening
> 315 µm	2	2	2,2	2,1	%	screening
> 200 µm	57,2	62	49	47,4	%	screening
> 100 µm	42	34,4	46,7	48,5	%	screening
> 63 µm	1,5	1,4	1,8	1,7	%	screening
< 63 µm	0,2	0,2	0,2	0,2	%	screening

CHEMICAL ANALYSIS (RFA) %

	STJ 06	STJ 09	STJ 12	STJ 25
SiO ₂	99,7	99,7	99,7	99,7
Fe ₂ O ₃	0,006	0,009	0,012	0,025
Al ₂ O ₃	0,09	0,08	0,12	0,30
TiO ₂	0,02	0,03	0,03	0,15

PHYSICAL CHARACTERISTICS

Density (g/cm ³)	2,65	Humidity in a wet state (%)	8,0 max
Hardness, Mohs	7	Humidity in a dry state (%)	0,2 max
Loss by annealing (%)	0,06 - 0,25	pH	7,3

Střeleč silica sands are improved natural raw materials. The above-mentioned information is based on average values. The data should be considered as indicative. Occurrence of coarser or finer fractions in trace quantities is possible. The user should test the product and consider, whether it is suitable for the desired purpose. On the customer's request we can discuss the tolerances of the products data. Sale and delivery is always based on agreed commercial conditions and relevant company standard or a quality agreement.