

GLASS SANDS COARSE

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

GRANULARITY AND OTHER CHARACTERISTICS

	ST 08	ST 10	ST 15	ST 40	Method
Middle Grain Size (d50)	0,34	0,33	0,33	0,24 mm	screening
AFS	40	41	41	61	screening
Bulk Weight	1,43	1,43	1,46	1,48 t/m ³	
> 800 µm				%	screening
> 630 µm	0,3	0,2	0,3	0,2 %	screening
> 500 µm	3	3	3,7	1,8 %	screening
> 400 µm	19,8	16	18	6,7 %	screening
> 315 µm	40,2	40,2	38,2	17,3 %	screening
> 200 µm	34,6	38,3	37,7	40 %	screening
> 100 µm	2	2,2	2	32,4 %	screening
< 100 µm	0,1	0,1	0,1	1,6 %	screening

CHEMICAL ANALYSIS (RFA) %

	ST 08	ST 10	ST 15	ST 40
SiO ₂	99,7	99,7	99,7	99,7
Fe ₂ O ₃	0,008	0,010	0,015	0,040
Al ₂ O ₃	0,08	0,09	0,20	0,30
TiO ₂	0,02	0,02	0,05	0,13

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 (%)	0,08 - 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.