

## GLASS SANDS FINE

Sands with extremely high content of SiO<sub>2</sub> 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) | 0,23   | 0,22   | 0,20   | 0,19   | mm               | screening |
| AFS                     | 63     | 63,5   | 69     | 74,8   |                  | screening |
| Bulk Weight             | 1,41   | 1,41   | 1,41   | 1,41   | t/m <sup>3</sup> |           |
| > 500 µm                |        |        |        |        | %                | screening |
| > 400 µm                | 0      | 0      | 0,1    | 0,1    | %                | screening |
| > 315 µm                | 3,7    | 3,5    | 2,8    | 1,9    | %                | screening |
| > 200 µm                | 62,3   | 62     | 49,5   | 41,2   | %                | screening |
| > 100 µm                | 32,3   | 32,6   | 45,2   | 52,2   | %                | screening |
| > 63 µm                 | 1,5    | 1,6    | 2,2    | 4,1    | %                | screening |
| < 63 µm                 | 0,2    | 0,3    | 0,2    | 0,5    | %                | screening |

### CHEMICAL ANALYSIS (RFA) %

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

### PHYSICAL CHARACTERISTICS

|                              |             |                             |         |
|------------------------------|-------------|-----------------------------|---------|
| Density (g/cm <sup>3</sup> ) | 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.