



PERFORMANCE CHARACTERISTICS

No.7

1. Unique product type identification code: **Quartz sand powder.**
2. Type, batch or serial number or any other element for identification of the construction product: **quartz sand powder 4/125, fraction 0-125 µm.**
3. Product is valid by technical specification JST 5411146-02:2023.
4. Manufacturer's determined use of the construction project: **manufacture of glass with high light transmission, polymer concrete, porcelain, glass fiber, drinking and domestic water filters, construction mixes, putties, fillers, aggregates etc.**
5. Manufacturer's name, registered commercial name or registered product trademark, and address: **AB Anykščių kvarcas, Troškūnų g. 5, Anykščiai, LT-29100.**
6. System of the evaluation of the constancy of performance, testing and marking of the construction product: **2+ system.**
7. Certification body **UAB Statybos produkcijos sertifikavimo centras, identification No. 1397**, performed the initial manufacture and manufacturing control testing based on the initial product type test and issued the certificate **No. SPSC-9597** of the constancy of the performance characteristics of the construction product and carries out constant supervision and assessment of the manufacturing control.

8. Declared performance characteristics:

| No. | Quality indicators | Norm | Determination methods |
|-----|---|-------------|-----------------------|
| 1. | Silica oxide content (SiO ₂) % of total mass, no less | 98.5 | JST 5411146-01:2022 |
| 2. | Silica oxide content (Fe ₂ O ₃) % of total mass, no more | 0.05 | JST 5411146-01:2022 |
| 3. | Aluminium oxide content (Al ₂ O ₃) % of total mass, no more | 0.6 | JST 5411146-01:2022 |
| 4. | Humidity %, not exceeding | 0.3 | LST EN 1097-5:2008 |
| 5. | Titanium oxide content (TiO ₂) %, no more | 0.1 | JST 5411146-01:2022 |
| 6. | Sodium and potassium oxide content (Na ₂ O and K ₂ O) %, no more | 0.1 | LST EN 196-2:2013 |
| 7. | Heat loss %, not exceeding | 0.2 | JST 5411146-01:2022 |
| 8. | Ground sand particles larger than 125 µm %, not exceeding Ground sand particles larger than 63 µm %, not exceeding | 1.0 10.0 | LST EN 933-10:2009 |
| 9. | Radioactivity, Bq/kg | 13.7 | IEC 61452:2021 |

9. The product performance characteristics indicated in items 1 and 2 meet the performance values declared in item 8. The declaration of performance of these characteristics was issued solely with responsibility of the manufacturer indicated in paragraph 5.

AB Anykščių kvarcas

Technical control and laboratory manager

Jūratė Žiukienė

27-07-2023