



NATURAL DENSE SAND

Usage: for building materials, products, constructions and works.

CAS number: 7631-86-9

Formula: SiO₂

State standards of Ukraine B V.2.7-32-95

Harmonize Commodity Code 2505100000

Chemical analysis

Contents, % GUARANTEED TYPICAL

SiO₂ min 50 or 70 98-99

Fineness Modulus, max Not rated 1,0-1,3

Slime & clay particles 5 < 0,3

Specific activity of the natural radionuclides, kBq/ kg Not rated < 0,01

Moisture, max Not rated (usually 0,5 according to the contract)

Physical description and properties:

Appearance: White dry free running sand.

Grain shape: spherical, good rolled.

Grain color: colorless, white.

Sieve Aperture (microns) Cumulative retained, %

+ 315 25 max

+ 160 90 max

- 160 3 max

Refractory: 1645 -1770 °C

Specific Gravity: 2650 kg/m³

Bulk density: 1500 kg/m³

Grain size: 63-600µm

Specific surface, max: 10m²/ kg

Flashing point: Nonflammable

Solubility in Water: Insoluble

Angle of friction: 33°

Hardness: 7

Minerals Contents, %

Quartz: 99

Rutile: < 0,05

Zircon: < 0,05

Ilmenite: < 0,05

Kyanite: <0,1

Clay: <0,5

Storage: at unequipped spaces.

Terms of storage unlimited.

End use: Natural close sand for building materials, products, construction and works is used as small concrete and cement aggregates. For production of silicate concrete, bricks and other moulded articles.

Shipment:

Bulk in cement hopper;

Soft containers (big bag) 1 t net.