



## Silica Sand Filter Media

### TECHNICAL DATA SHEET

Three times Washed, Dried and Screened Natural Silica Sand Grains. Graded specially for water filtration. Hard and dense, resistant to abrasion and breakage.

Food Grade Quartz sand and gravel, smooth textured, semi-rounded to sub-angular grains suitable for drinking water applications.

#### Physical Properties

PARAMETER	TEST VALUES
Uniformity Coefficient	1.4-1.5
Porosity	41% - 43%
Bulk Density	1.55 g/cm <sup>3</sup>
Specific Gravity	2.65
Mohs Hardness	7
Acid Solubility	0.7
Moisture	0.03%
Organic Impurities	Nil
Colour	Light Brown

#### Chemical Properties

PARAMETERS	TEST VALUES
SiO <sub>2</sub>	98.14
Al <sub>2</sub> O <sub>3</sub>	0.9
Fe <sub>2</sub> O <sub>3</sub>	0.12
CaO and MgO	0.32
Na <sub>2</sub> O	0.16
K <sub>2</sub> O	0.01
LOI	0.3
Ph	7.2

- **Effective Size** – 0.20 mm to 10 mm
- Customised Gradation available as per Customer's Requirements
- Hard Quartz Grains, Free from Clay and Organic Impurities
- As per NSF/ANSI Standard 61 and AWWA Standard B100-01
- Food Grade and generally safe to handle as fine Silica has been removed
- **Packing** : Available in 20 kg Bags, 25 kg Bags, 50 kg bags and 1 Ton Jumbo bags

For Quality Industries Pvt. Ltd.

Director