

QUARTZ SAND

Quartz sand consists of hard, durable, and dense grains of predominantly siliceous material that will resist degradation during handling and use. Our quartz sand meets IS 8419 and AWWA B100-01 specifications.

Typical Chemical Analysis

Elements	Contents %
Silica (SiO ₂)	98.0 – 99.5
Iron Oxide (Fe ₂ O ₃)	0.011
Loss on ignition (LOI)	0.044
Aluminium Oxide (Al ₂ O ₃)	1.020
Magnesium Oxide (MgO)	0.016
Calcium Oxide (CaO)	0.136
Titanium Dioxide (TiO ₂)	0.010
Sodium Oxide (Na ₂ O)	0.097
Potassium Oxide (K ₂ O)	0.104
Sulphur Trioxide (SO ₃)	0.04

Grade (B.S.S)	Size Range (mm)	E.S (mm)
16/30	0.50-1.00	0.50-0.71
14/25	0.60-1.20	0.63-0.85
10/18	0.85-1.70	0.85-0.95
8/16	1.00-2.00	1.05-1.27
6/14	1.20-2.80	1.25-1.60
5/8	2.00-3.35	2.00-2.70

