



SILICA SAND #70

Chemical Properties

Typical⁽¹⁾

Silicon Dioxide (SiO ₂)	99.28%
Iron Oxide (Fe ₂ O ₃)	0.052
Aluminum Oxide (Al ₂ O ₃)	0.272
Calcium Oxide (CaO)	0.026
Magnesium Oxide (MgO)	0.040
Sodium Oxide (Na ₂ O)	0.004
Titanium Dioxide (TiO ₂)	0.028
Potassium Oxide (K ₂ O)	0.127
Loss on Ignition	0.11

Screen Analysis⁽²⁾

3Σ Range (99%)

Mid-Point

on 30	0.0 – 0.3	0.1
on 40	4.0 – 8.2	6.1
on 50	12.3 – 21.7	17.0
on 70	17.9 – 29.4	23.6
on 100	20.9 – 33.2	27.1
on 140	11.9 – 27.0	19.5
on 200	2.6 – 7.8	5.2
on 270	0.1 – 1.5	1.1
Pan	0.1 – 0.6	0.4
Calculated AFS #	62.5 – 75.7	69.1

Shipping Point

Overton, NV

(1) percent unless otherwise noted

(2) USA Standard Testing Screens ASTM E-11 specification



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