

# SILICA SAND #70

## Chemical Properties

## Typical<sup>(1)</sup>

Silicon Dioxide (SiO <sub>2</sub> )	99.4
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	0.057
Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> )	0.26
Calcium Oxide (CaO)	0.014
Magnesium Oxide (MgO)	0.037
Sodium Oxide (Na <sub>2</sub> O)	0.006
Titanium Dioxide (TiO <sub>2</sub> )	0.024
Potassium Oxide (K <sub>2</sub> O)	0.121
Loss on Ignition	0.11

## Screen Analysis<sup>(2)</sup>

## 3 $\sigma$ Range

## Average

on 30	0.0-0.4	0.1
on 40	3.5-9.6	6.6
on 50	12.1-25.2	18.6
on 70	19.9-29.9	24.9
on 100	17.6-32.4	25
on 140	9.0-23.5	16.2
on 200	2.4-11.6	7
on 270	0.3-2.1	1.2
pan	0.0-0.8	0.4
Calculated AFS #	53.8-84.0	68.9

**Shipping Point**  
Overton, NV

(1) Percent unless otherwise noted

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

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