

Parameter Sheet

# Silica Sand

<p><b>Silica</b></p> <p><b>SiO<sub>2</sub> 98.07%</b></p>	<p><b>Moisture</b></p> <p><b>&lt; 0.10%</b></p>	<p><b>AFS</b></p> <p><b>42</b></p>
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## Chemical Parameters

Parameter	Unit	Result	Protocol
Moisture	%	Less than 0.10	IS:1918:1966
Loss on Ignition	%	0.29	IS:1917:P-1:1991
Silica as SiO <sub>2</sub>	%	98.07	IS:1917:P-3:1991
Alumina as Al <sub>2</sub> O <sub>3</sub>	%	0.59	By ICP
Iron as Fe <sub>2</sub> O <sub>3</sub>	%	0.30	By ICP
Titania as TiO <sub>2</sub>	%	0.05	By ICP
Calcium as CaO	%	0.30	By ICP
Magnesium as MgO	%	0.03	By ICP
Sodium as Na <sub>2</sub> O	%	0.01	By ICP
Potassium as K <sub>2</sub> O	%	Less than 0.01	By ICP

## Sieve Analysis

Parameter	Unit	Result	Protocol
Sieve Analysis (-1700 Microns + 850 Microns)	%	NIL	IS:1607:2013
Sieve Analysis (-850 Microns to +600 Microns)	%	0.07	IS:1607:2013
Sieve Analysis (-600 Micron to +425 Micron)	%	15.09	IS:1607:2013
Sieve Analysis (-425 Micron to +300 Micron)	%	62.97	IS:1607:2013
Sieve Analysis (-300 Micron to +212 Micron)	%	18.57	IS:1607:2013
Sieve Analysis (-212 Micron to +150 Micron)	%	1.98	IS:1607:2013
Sieve Analysis (-150 Microns to +106 Microns)	%	0.81	IS:1607:2013
Sieve Analysis (-106 Micron to +75 Micron)	%	0.33	IS:1607:2013
Sieve Analysis (-75 Microns to +53 Microns)	%	0.09	IS:1607:2013
Sieve Analysis (-53 Microns)	%	0.09	IS:1607:2013

## Physical Reference

Parameter	Unit	Result	Protocol
AFS Grain Fineness	No.	42	By calculation
Custom sizing available	-	Available	Buyer requirement