



SILICA SAND

WASHED AND DRIED

AFS 1105-12-S:1994*, "Sieve Analysis (Particle Size Determination of Sand)"

AFS 1106-12-S:1994*, "Grain Fineness Number, AFS GFN, Calculation"

ISO 13503-2:2006*/API RP19C:2008, Section 11, "Proppant Crush-Resistance Test"

ASTM C146 - 94a, Acid Demand Value and Paste pH, Metals by Fusion and XRF (SGS Labs)

Mesh	40/70*	70/140* (100 mesh)	40/140
16	0	0	0
20	0	0	0
30	0	0	0
40	0.20	0	0
50	29.8	0	18
70	64.3	2.10	32
100	5.6	49.40	28
140	0	45.00	21
200	0	3.30	0
270	0	0	0
Pan	0.1	0.30	1
	100	100	100
AFS/GFN	48.5	86.06	66.80

*STIM-LAB, Inc. (USA) Report SL1196 Stim Lab Dec. 2015
 A Core Laboratories Company
 7118 North 81 Highway, Duncan, OK 73533-8719,USA

Physical Properties	
Loss On Ignition	0.14
Moisture	0.02%
Base pH	7.6
Melting Point	3110° F
Grain Shape	Round
Specific Gravity	2.65
Bulk Density - Tapped	93 lb./ft. ³
Clay Content	0.08%
Acid Demand Value	0.08

Chemical Analysis	
% SiO ₂	99.8
% Al ₂ O ₃	<0.01
% Fe ₂ O ₃	0.18
% TiO ₂	<0.01
% CaO	<0.01
% K ₂ O	0.03
% MgO	0.09
% Na ₂ O	0.06

WARNING: Contains Free Silica. Do Not Breathe Dust.

Prolonged exposure to dust may cause delayed lung injury (silicosis). Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans (vol 68, 1997) concludes that there is sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the forms of quartz and cristobalite (Group I) in certain industrial circumstances, but that carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution activity or distribution of its polymorphs. See Material Safety Data Sheet for detailed information. CAS 14808-60-7

FOR INDUSTRIAL USE ONLY. Do not use this product for blasting or as an abrasive.

IMPORTANT: The technical data herein is believed to be accurate. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product.

Select Sands Corp.,

310 – 850 West Hastings Street, Vancouver, BC Canada V6C 1E1

Phone: 1-604 639 - 4533 • Fax: 1-604 – 669 - 2744

rasool@selectsandscorp.com • Selectsandscorp.com