



# PRODUCT INFORMATION

## SILICA INDUSTRIAL/WASTE WATER FILTER SANDS PLANT: THOMPSON, OH

R.W. Sidley's operates a state of the art processing plant that produces the highest quality products virtually free of deleterious materials. Our processed silica sand is from our Thompson mine part of the Sharon conglomerate formation. All silica sands are washed dried and screened at the Thompson plant.

Available packaging: 50 lb. bags, 3,000 lb. super sacks, 4,000 lb. super sacks and bulk quantities.

### LABORATORY SIEVE ANALYSIS

Products	.25 TO .50MM	.4 TO .6MM	.4 TO .8MM	.4 TO 1.0MM	.6 TO .8MM	.8 TO 1.20MM TORPEDO	.08 TO 2.0 & 1.0 TO 2.0MM	2.0 TO 3.0MM
<b>Mesh Size</b>	<b>CUM%PASS</b>							
5/8								
1/4								
3/8								
1/4								
4							100	100
6							96	99
8						100	54	35
10						99	30	6
12						95	8	1
14				100	100	55	2	
16			100	97	97	49		
18		100	99	72	72	2		
20		99	78	36	35	1		
25	100	97	31	7	6			
30	99	51	6	1				
35	87	4	1	1				
40	47							
50	6							
60	1							
70								
100								
140								
Pan	0	0	0	0	0	0	0	0
E.S.	0.32	0.52	0.63	0.72	0.75	0.93	1.74	2.05
U.C	1.4	1.2	1.3	1.3	1.3	1.5	1.42	1.25

### CHEMICAL ANALYSIS

Tests	Results/Units	Methods
Fe <sub>2</sub> O <sub>3</sub>	0.067%	ICP
Na <sub>2</sub> O	0.007%	DC ARC
SiO <sub>2</sub>	99.70%	By Difference after impurities scan
TAO	<0.10%	DC ARC

### PHYSICAL ANALYSIS

Silica	
Percent Loss, Sodium Sulfate Soundness (ASTM C88)	0.3%
Percent Loss, Acid Solubility (ASTM D3042)	0.3%
Moh's Hardness	7
Deleterious Substances	0
Coal, Lignite	0
Clay Lumps	0
Shale, Shaly Material	0
Limonic Concretions	0
Chert	0
Soft Pieces	0
Metallic Particles	0

Testing: Results are typical for the product.

Laboratory Sieve Analysis: Testing was conducted at R.W. Sidley, Inc., Thompson, OH. Tests performed in accordance with ASTM D-75, ASTM C-136, and AASHTO T-176.

Chemical Analysis: Testing conducted by NSL Analytical, Cleveland, OH.

Physical Analysis: Testing conducted by Solar Testing Laboratories, Inc., Brooklyn Heights, OH.

Revised: .01.16.17