



PRODUCT INFORMATION

SILICA WASTEWATER 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 - .50mm	.40 - 1.0mm	.80 - 1.20mm Torpedo	.08 - 2.0mm	1.0 - 2.0mm	2.0 - 3.0mm
Mesh Size	CUM%PASS					
5/8						
1/2						
3/8						
1/4						100
4					100	98
6					97	53
8			100	100	61	3
10			98	100	36	
12			83	95	11	
14		100	59	53	1	
16		97	38	17		
18		74	15	3		
20		40	2			
25	100	8				
30	100	1				
35	85					
40	56					
50	9					
60	1					
70						
100						
140						
Pan	0	0	0		0	0
E.S.	0.299	0.721	0.942	1.089	1.663	2.55
U.C	1.473	1.3	1.502	1.332	1.417	1.363

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

PHYSICAL ANALYSIS	
Silica	
Percent Loss, Soduim 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.

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