

## FEATURES & BENEFITS

Black Lab® offers a wide range of blended sand and gravel grades to meet performance requirements in systems formulated for construction, flooring, transportation, sports and recreation, and more. In addition to our pre-blended aggregate grades, Black Lab is also one of North America’s largest custom toll blenders of conventional aggregates and other dry granular materials. Our blending services are backed by state-of-the-art equipment, industry-leading technical capabilities, custom packaging, and logistics services throughout North America.

## TYPICAL SILICA SAND GRADES – SUB-ROUND GRAIN SHAPE

Key for Table Below: A - Angular S - Sub-Round/Angular R - Round


Mesh	WF1630	W2040	W480	W430	W730	BLC 110	B430	B612	B1020	B1220	B2040
1/4"											
4							T	T			
6							36	2			
8							57	43	T		
10							6	42	4	T	
12							1	12	12	4	
16	2						T	1	45	44	T
20	80	2.8						T	29	39	10
30	18	53	13	T					7	10	53
40	T	39	74	31		T			1	2	35
50		3.8	12	45	2	2			1	1	3
70		1	1	19	15	3			0	0	T
100		.4		4	48	20			T	T	
140				1	29	41					
200					6	24					
270					T	8					
Pan						2					
AFS			30	40	80	112			10.5	11.8	23
Shape	R	R	R	R	R	R	S	S	S	S	S

### CHEMICAL ANALYSIS

*Typical Mean Values. These Do Not Represent a Specification.*

	Coarse	Medium	Fine
Silicon Dioxide (SiO <sub>2</sub> )	99.75	99.65	99.51
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	0.016	0.018	0.035
Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> )	0.055	0.065	0.12
Calcium Oxide (CaO)	0.011	0.012	0.02
Titanium Dioxide (TiO <sub>2</sub> )	0.010	0.011	0.016
Magnesium Oxide (MgO)	0.008	0.009	0.018
Clay	0.15	0.18	0.29
Loss on Ignition (LOI)	0.058	0.072	0.085
pH	7	7.1	7.4
Acid Demand Value	0.5	0.8	1.7
Grain Shape	Round	Round	Round

### SHIPPING/ORDERING INFORMATION

- Shipping Point: Serena, IL
- Originating Carrier: ?
- Availability:  Bulk, IBC, 50 lb Paper Bag  
Truck Only

#### CUSTOMER SERVICE

US & Canada: 1-800-258-3878

Email: [BlackLab.CustomerService@CoviaCorp.com](mailto:BlackLab.CustomerService@CoviaCorp.com)

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 GRADE NUMBERS INDICATE RELATIVE VALUES OR RESULTS. THEY ARE NOT A SPECIFICATION OR WARRANTY OF PERFORMANCE.

**HEALTH HAZARD WARNING:** Prolonged inhalation of dust associated with the materials described in this data sheet can cause delayed lung injury including Silicosis, a progressive, disabling and sometimes fatal lung disease. IARC and NTP have determined that crystalline silica can cause lung cancer in humans. Risk of injury is dependent on the duration and level of exposure. Follow OSHA or other relevant safety and health standards for the form of crystalline silica called Quartz. Current safety data sheet, containing safety information, is available and should be consulted before usage.

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Silica/Silica Containing

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