

FEATURES & BENEFITS

AQUAQUARTZ® pool filter sand offers peace of mind with an easier solution compared to other products. This is the purest, best-sized pool filter sand available, which prevents residential or commercial filter clogging. Our sand is 100% natural, chemical-free, and is perfect for most types of pool filter systems. AQUAQUARTZ does not stain, which ensures easy maintenance at a lower cost by filtering direct dust, algae, suntan lotion, oil, leaves, and insects. This ecologically safe pool sand does not solidify and will help prevent clogging. Our inert, odorless, 100% natural sand does not have chemicals. It can be easily backwashed. Choose AQUAQUARTZ pool filter sand for residential and commercial sand filters.

All AQUAQUARTZ grades are processed with rigid adherence to Covia QIPSM quality assurance programs. The result is chemical purity and consistently uniform particle size distributions for predictable performance.

PARTICAL SIZE ANALYSIS

Typical Mean Values. These Do Not Represent a Specification.

	Mesh Size		AQUAQUARTZ Grades		
	ASTM	MICRONS	Standard #20	620	1020
Typical mean % retained on individual sieves	6	3.35mm	--	0.5	--
	8	2.36mm	--	12.9	--
	10	2.0mm	--	12.1	3.6
	12	1.7mm	--	14.7	14.4
	16	1.18mm	0.4	31.5	45.0
	20	850	10.6	19.8	27.9
	30	600	43.4	4.9	5.9
	35	500	31.1	--	--
	40	425	10.8	1.5	1.4
	50	300	3.2	1.1	1.0
	100	150	0.5	1.0	0.8
	PAN	PAN	--	--	--

Prior Fairmount Santrol's Grade Designation:

2040

620

1020

PHYSICAL PROPERTIES

Typical Mean Values. These Do Not Represent a Specification.

AQUAQUARTZ Pool Filter Sand		
Grain Shape	Subangular	Visual
Hardness (Mohs)	7.0	Moh's Scale
Specific Gravity (g/cm ³)	2.65	ASTM C-128
Bulk Density/Loose (lb/ft (g/cm ³))	92-95	ASTM C-29
Bulk Density/Compacted (lb/ft ³)	98-100	ASTM C-29

CHEMICAL ANALYSIS

Typical Mean Values. These Do Not Represent a Specification.

Typical Mean Percent by Weight	
Silicon Dioxide (SiO ₂)	99.52
Iron Oxide (Fe ₂ O ₃)	0.094
Aluminum Oxide (Al ₂ O ₃)	0.158
Calcium Oxide (CaO)	0.009
Titanium Dioxide (TiO ₂)	0.035
Magnesium Oxide (MgO)	0.009
Potassium Oxide (K ₂ O)	0.041
Sodium Oxide (Na ₂ O)	0.007
Chromium (III) Oxide (Cr ₂ O ₃)	0.002

SHIPPING/ORDERING INFORMATION

- Shipping Point: Chardon, OH
- Availability: 50 lb Plastic Bag
Truck Only

CUSTOMER SERVICE

US & Canada: 1-800-243-9004
Fax: 1-800-243-9005
Worldwide: 1-203-442-2500
Fax: 1-203-972-1378

3 Summit Park Drive, Suite 700, Independence, OH 44131 | CoviaCorp.com

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

Health Hazard Warnings: 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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