

FEATURES & BENEFITS

TRACSAND® Traction Sand is a subangular grain, crystalline silica of superior hardness and uniformity. All TRACSAND grades are processed with rigid adherence to Covia QIPSM quality assurance programs. The result is chemical purity, minimal clay and organic matter, and consistent particle size distributions.

PARTICAL SIZE ANALYSIS

Typical Mean Values. These Do Not Represent a Specification.

	Mesh Size	TRACSAND® Grades	
	ASTM	20	30
Typical mean % retained on individual sieves	6	--	--
	8	--	--
	10	1.1	--
	12	3.6	--
	16	14.7	0.2
	20	17.6	6.6
	30	32.3	26.0
	35	20.4	--
	40	6.7	32.0
	50	2.6	21.5
	70	--	11.9
	100	1.0	1.7
	140	--	0.1
	200	--	--
PAN	--	--	
GFN		19.8	31

Prior Fairmount Santrol's Grade Designation:

1635

Blend

PHYSICAL PROPERTIES

Typical Mean Values. These Do Not Represent a Specification.

TRACSAND® Traction Sand		
Mineral	Quartz	Petrographic
Grain Shape	Subangular	Visual
Hardness (Moh's)	7.0	Moh's Scale
Moisture Content (%)	<0.1	ASTM C-566
Specific Gravity (g/cm ³)	2.65	ASTM C-128
Bulk Density/Loose (lb/ft 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)	0.0035
Magnesium Oxide (MgO)	0.009
Potassium Oxide (K ₂ O)	0.041
Chromium (III) Oxide (Cr ₂ O ₃)	0.002
Sodium Oxide (Na ₂ O)	0.0007

SHIPPING/ORDERING INFORMATION

- Shipping Point: Chardon, OH
- Availability: Bulk Only
Truck Only

CUSTOMER SERVICE
US & Canada: 1-800-255-7263
Fax: 1-269-465-6075

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 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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