

## FEATURES & BENEFITS

TRACSAND® Traction Sand is a whole grain, crystalline silica of superior hardness and uniformity. All TRACSAND grades are processed with rigid adherence to Covia QIP<sup>SM</sup> 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® Grade
	ASTM	MICRONS	TRACSAND
Typical mean % retained on individual sieves	18	1.00	--
	20	850	0.1
	30	600	6.0
	40	425	45.2
	50	300	35.5
	70	210	10.4
	100	150	2.0
	140	106	0.7
	200	75	0.1
	270	53	--
	PAN	PAN	--

## PHYSICAL PROPERTIES

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

TRACSAND® Traction Sand		
Mineral	Quartz	Petrographic
Grain Shape	Subround	Visual
Hardness (Mohs)	7.0	Moh's Scale
Moisture Content (%)	<0.1	ASTM C-566
Specific Gravity (g/cm <sup>3</sup> )	2.65	ASTM C-128
Bulk Density, Loose (lb/ft <sup>3</sup> )	92-95	ASTM C-29
Bulk Density, compacted (lb/ft <sup>3</sup> )	98-100	ASTM C-29

## CHEMICAL ANALYSIS

Typical Mean Values. These Do Not Represent a Specification.

Typical Mean Percent by Weight	
Silicon Dioxide (SiO <sub>2</sub> )	99.73
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	0.02
Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> )	0.10
Calcium Oxide (CaO)	0.01
Titanium Dioxide (TiO <sub>2</sub> )	0.01
Magnesium Oxide (MgO)	0.01
Potassium Oxide (K <sub>2</sub> O)	0.06
Sodium Oxide (Na <sub>2</sub> O)	0.01
Loss on Ignition (LOI)	0.07

## SHIPPING/ORDERING INFORMATION

- Shipping Point: Oregon, IL
- Originating Carrier: Burlington Northern (BN)
- Availability: Bulk  
Truck and Rail

### CUSTOMER SERVICE

US & Canada: 1-800-243-9004

Fax: 1-800-243-9005

Worldwide: 1-203-442-2500

Fax: 1-203-972-1378

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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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