

INDUSTRIAL SANDS

PRODUCT

TARGET® Industrial Sands are well-graded processed sands manufactured from natural sands in British Columbia. They are available in the following standard grades:

Grade	Typical Particle Size Range
3/8" Aggregate	3/8" to No. 4 (5 to 10 mm)
Fine	No. 10 to No. 35 (0.5 to 2.0 mm)
Superfine	Finer than No. 35 (0.5 mm)
Special Screenings	Available on request

Typical sieve analyses of these standard sands are given in the following table.

Special sands are manufactured to individual project sizing requirements. Examples are Locomotive and Traction sands, 10-20 Industrial Sand, 20-40 Industrial Sand. Contact TARGET for information on special screenings.

USES

TARGET Industrial Sands are suitable for commercial sandblasting operations where a higher grade silica sand or abrasive grit is not required. They are also suitable for use in ferro-cement work, polymer mortars or concretes and other applications requiring well-graded fillers or aggregates.

PHYSICAL PROPERTIES

Colour	Grey
Grain Shape	Sub-rounded to sub-angular
Bulk Density	90 - 100 lb/ft ³ (1442-1603 kg/m ³)
Hardness, Moh	6 - 6.5
Specific Gravity	2.65
Moisture Content	<0.1% weight

PACKAGING

These products are available in 25 kg (55 lb) or 36.3 kg (80 lb) paper bags, bulk bags of approximately 1633 kg (3600 lb) each, in pneumatic tank trucks, or bulk truckloads of 25 to 40 tonnes.

Product performance is affected by many factors, including storage, method and conditions of application and use. User testing is ESSENTIAL to determine suitability of product for intended method of application and use. Target's SOLE WARRANTY is that the product has been manufactured to specifications. No oral or written information or advice shall increase this warranty or create new warranties. Target's SOLE LIABILITY is to replace product proved defective. In no event shall Target be liable for any consequential, indirect or other damages whether arising from negligence or otherwise.

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TYPICAL ANALYSIS

Mineral	% wt.	Chemical Oxide	% wt.
Quartz	60	Silica (SiO ₂)	68
Feldspar	20	Calcium (CaO)	4
Chlorite	10	Alumina (Al ₂ O ₃)	14
Iron Oxide	5	Iron (Fe ₂ O ₃)	5
Hornblende	5	Magnesium (MgO)	2

TYPICAL SIEVE ANALYSES

Sieve Size		Cumulative Percent Passing		
U.S.	Metric	3/8"	Fine	Superfine
1/2"	12.5 mm	100		
3/8"	9.5 mm	85-100		
No.4	4.75 mm	0-20		
No. 8	2.36 mm	0-5	100	
No.10	2.00 mm		95-100	
No.16	1.18 mm		70-90	
No.30	600 μm		15-45	100
No.40	425 μm			80-100
No.50	300 μm		0-10	50-85
No.100	150 μm		0-3	15-35
No.200	75 μm			0-5
Sieve Size		Individual Percent Retained		
U.S.	Metric	3/8"	Fine	Superfine
3/8"	9.5 mm	0-15		
No.4	4.75 mm	70-90		
No. 8	2.36 mm	0-20	0	
No.10	2.00 mm		0-5	
No.16	1.18 mm		10-30	
No.30	600 μm		40-60	0
No.40	425 μm			0-20
No.50	300 μm		20-30	15-30
No.100	150 μm		0-10	30-55
No.200	75 μm			15-30
Pan		0-5	0-3	0-5

The values given in these tables are typical for normal production of these sands.

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Minor variations can occur from time to time.



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