

INDUSTRIAL SANDS - BC

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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" Rock	3/8" to No. 4 (5 to 10 mm)
Coarse Sand (Forestry)	No. 5 to No. 10 (2 to 4 mm)
Fine Sand (1.5-0.3 mm)	No. 14 to No. 50 (0.3 to 1.5 mm)
Industrial 50	No. 30 to No. 70 (0.6 to 0.2 mm)
Superfine Sand (Industrial 70)	Finer than No. 35 (0.5 mm)
Special Screenings	Available on request

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

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.

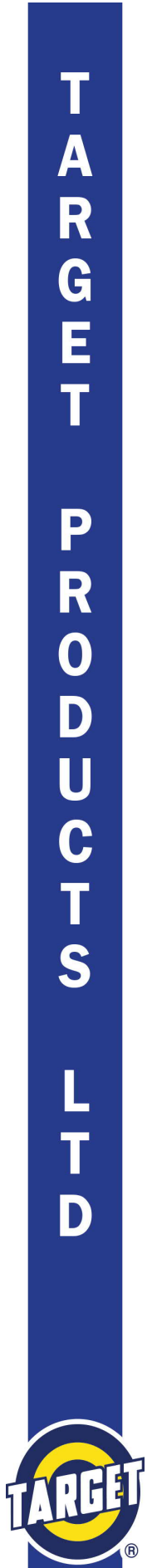
PHYSICAL PROPERTIES

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

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

NOTICE: Obtain the applicable **LIMITED WARRANTY** at www.targetproducts.com/product-warranty
Or send a written request to Target Products Ltd., Five Concourse Parkway, Atlanta, GA 30328, USA.
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TYPICAL SIEVE ANALYSES

Sieve Size		CUMULATIVE PERCENT PASSING				
U.S.	Metric	3/8"	Coarse Sand (Forestry)	Fine Sand (1.5 – 0.3 mm)	Industrial 50	Superfine Sand (Industrial 70)
1/2"	12.5 mm	100				
3/8"	9.5 mm	85-100				
No. 4	4.75 mm	0-20				
No. 5	4.00 mm		100			
No. 6	3.35 mm		90-100			
No. 8	2.36 mm	0-5	20-70			
No.10	2.00 mm			100		
No.14	1.40 mm		0-5			
No.16	1.18 mm			90-100		
No. 18	1.00 mm		0-1			
No. 20	0.85 µm			55-90	100	
No.30	600 µm			25-70	95-100	100
No. 40	425 µm				55-80	90-100
No. 50	300 µm			0-10	20-45	55-85
No. 70	212 µm				5-25	30-55
No. 100	150 µm			0-2	0-10	10-35
No. 140	106 µm				0-3	2-15
No. 200	75 µm					0-5

INDIVIDUAL PERCENT RETAINED – see next page

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TYPICAL SIEVE ANALYSES con't.

Sieve Size		INDIVIDUAL PERCENT RETAINED				
U.S.	Metric	3/8"	Coarse Sand (Forestry)	Fine Sand (1.5 – 0.3 mm)	Industrial 50	Superfine Sand (Industrial 70)
3/8"	9.5 mm	0-15				
No. 4	4.75 mm	70-90				
No. 5	4.00 mm		0			
No. 6	3.35 mm		0-10			
No. 8	2.36 mm	0-20	30-70			
No. 10	2.00 mm			0		
No. 14	1.40 mm		20-65			
No. 16	1.18 mm			0-10		
No. 18	1.00 mm		0-4			
No. 20	0.85 µm			5-35	0	
No. 30	600 µm			15-40	0-5	0
No. 40	425 µm				15-40	0-10
No. 50	300 µm			30-60	25-50	10-40
No. 70	212 µm				10-35	20-45
No. 100	150 µm			0-5	0-20	12-35
No. 140	106 µm				0-5	3-25
No. 200	75 µm					0-12
Pan		0-5	0-1	0-2	0-3	0-5

The values given in these tables are typical for normal production of these sands. Minor variations can occur from time to time.

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.

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