

NATURAL SAND

TECHNICAL SHEET

Particle shape:

Semi-angular

Color:

Light brown to beige

Hardness:

6.0 - 6.5 MOHS

Density:

98 lb/ft³ | 1576 kg/m³

Specific gravity:

2.7

Packaging:

50 lb | 3080 lb | bulk



Specific sieve analysis available on demand

TYPICAL CHEMICAL ANALYSIS

Ingredient name	%	CAS number
SiO ₂	60-100	7631-86-9
Al ₂ O ₃	10-30	1344-28-1
Fe ₂ O ₃	1-5	1309-37-1
MgO	0.5-1.5	1309-48-4
CaO	1-5	1305-78-8
Na ₂ O	1-5	1313-59-3
K ₂ O	1-5	12136-45-7
TiO ₂	0.1-1	13463-67-7
Quartz	37.0	14808-60-7

TYPICAL SIEVE ANALYSIS

Sieves (ASTM E11)		Individual % retained									
US Mesh	mm	#2	#4	#6	#12	#16	#24	#28	#40	#70	#100
3/8"	9.5	0	0								
1/4"	6.3	88.3	23.0								
4	4.75			0							
6	3.35			67.6	0	0	0				
8	2.36			67.6	0.3		0.1				
10	2.0			21.7	5.2	1.8	3.5				
12	1.7			10.3	16.9		3.7				
14	1.4				28.5	38.9	3.6	0			
16	1.18				28.3		7.4	1.0	0		
20	0.85			0.2	19.9	42.1	25.2	28.9	0.1		0
30	0.60				0.7	12.7	32.6	41.4	31.2	0	0.5
40	0.425			0.1	0.1	3.1	13.1	16.4	50.4	19.2	8.9
50	0.31					1.1	6.1	7.2	11.6	33.6	16.7
70	0.212	0.9	0.3			0.2		3.3	4.6	23.2	22.2
100	0.15								1.7	14.3	23.7
140	0.106			0.1	0.1					6.8	17.5
200	0.075					0.1	4.7	1.8	0.4	2.1	6.5
PAN										0.8	4.0

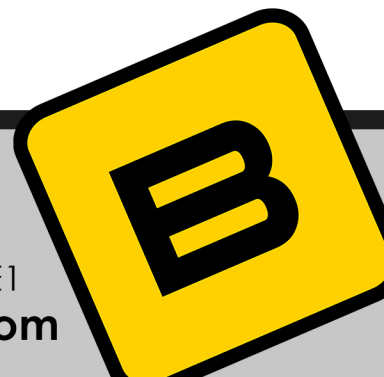
groupebellemare.com

For more information, please contact:

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Na ₂ O	1-5	1313-59-3
K ₂ O	1-5	12136-45-7
TiO ₂	0.1-1	13463-67-7
Quartz	37.0	14808-60-7

TYPICAL SIEVE ANALYSIS

Sieves (ASTM E11)		Cumulative % passing										
US Mesh	mm	#2	#4	#6	#12	#16	#24	#28	#40	#70	#100	
3/8"	9.5	100	100									
1/4"	6.3	11.7	77.0									
4	4.75			100								
6	3.35	0.9	9.8	32.4	100	0	100					
8	2.36				99.7		99.9					
10	2.0				10.7	94.4	98.2	96.4				
12	1.7	0.3	0.4	0.4	77.6		92.7					
14	1.4				49.1	59.3	89.1	100				
16	1.18				20.8	81.7	99.0	100				
20	0.85			0.2	0.8	17.2	56.5	70.1	99.9		100	
30	0.60				0.2	4.5	23.9	28.7	68.7	100	99.5	
40	0.425			0.1	0.1	1.4	10.8	12.3	18.3	80.8	90.6	
50	0.31					0.3	4.7	5.1	6.7	47.2	73.9	
70	0.212							1.8	2.1	24.0	51.7	
100	0.15								0.4	9.7	28.0	
140	0.106									2.9	10.5	
200	0.075									0.8	4.0	

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