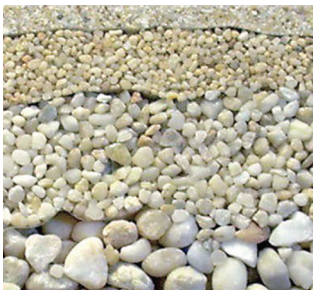


BEST SAND

Best Sand, Silica Sand and Gravel



Washed and Dried

These high-purity sands and gravels are ideal for all types of foundries. Sub-rounded shape helps to cushion the sand during thermal expansion. High-purity allows Best Sand to be used for iron and steel castings.

- Available in sub-round grain shape
- 99.5% SiO_2 purity for high refractoriness
- State-of-the-art blending ensures a consistent silica grade
- Wide range of sizes and distribution

Typical Physical & Chemical Properties - 530 Dry

% Cr_2O_3	0.002
% Ni	0.000
% Fe_2O_3	0.094
% Mn	0.000
% CaO	0.009
% MgO	0.009
% TiO_2	0.035
% Al_2O_3	0.158
% Na_2O	0.0007
% K_2O	0.041
% SiO_2	99.515
% LOI	0.133
Heavy Mineral Analysis	0.000

BEST SAND

Typical Analysis – Percent Retained on Each Mesh

Mesh	412	430	612	620	1020	1220	1635	2040	530	540	545	550	565	555 Blend	560 Blend	565 Blend	575 Blend	110
1/4"	0																	
4	23	T	T															
6	69	37	2	T					T									
8	7	56	38	9	T		T		1									
10	0	7	42	12	2	T	1		1									
12	0	1	14	14	12	4	3		1									
16	T	T	3	36	47	46	14	T	3	T	T							
20			T	22	31	41	17	11	4	2	2							
30				4	5	7	33	46	8	11	8	T		0	0	0	0	
40				1	1	2	27	38	15	23	18	17	0	4	3	3	2	0
50				1	1	1	3	4	31	40	33	40	7	19	17	14	10	0
70				0	0	0	1	T	25	19	27	29	52	44	48	41	34	1
100				T	T	T	T		10	4	11	12	34	25	25	27	27	12
140									2	1	2	3	7	7	7	10	14	31
200									T	T	T	T	1	1	1	4	9	36
270											T	T	0	T	T	1	3	13
Pan													0	T	T	T	2	7
	100	100	100	100	100	100	100	100	100	100	100	99	100	100	100	100	100	100
AFS	N/A	N/A	N/A	9.2	10.5	11.7	20.0	23.7	40.8	38.2	43.3	47.1	60.4	56.4	56.8	64.7	77.7	137.2
E.S.	3.37	2.39	1.84	0.90	0.87	0.83	0.49	0.47	0.20	0.23	0.19	0.18	0.16	N/A	N/A	N/A	N/A	N/A
U.C.	1.23	1.38	1.29	1.69	1.55	1.51	1.53	1.44	1.81	1.59	1.77	1.95	1.51	N/A	N/A	N/A	N/A	N/A

Gravel

Mesh	#8	#67
3/4"		0
1/2"		21
3/8"	2	43
1/4"	41	31
4	37	4
6	18	1
8	2	0
16	0	0
Pan	1	1

WARNING: Contains Free Silica. Do Not Breathe Dust. Prolonged exposure to dust may cause delayed lung injury (silicosis). Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans (vol 68, 1997) concludes that there is sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the forms of quartz and cristobalite (Group I) in certain industrial circumstances, but that carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution activity or distribution of its polymorphs. See Material Safety Data Sheet for detailed information. CAS 14808-60-7 **FOR INDUSTRIAL USE ONLY.**

IMPORTANT: The technical data herein is believed to be accurate. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product.

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