

Product Description: Washed and graded moist silica sand

Chemical Analysis

Element	Units	Typical Value
SiO ₂	%	94.40
Fe ₂ O ₃	%	0.36
Al ₂ O ₃	%	2.64
TiO ₂	%	0.10
K ₂ O	%	1.55
Na ₂ O	%	0.22
Loss on Ignition	%	0.57

Particle Size Distribution – Category = Fine Sand

Aperture	Typical Cumulative Passing	Typical Cumulative Retained	Typical Retained Each Sieve	Typical Retained	Category
Microns	%	%	%	%	
1000	100.0	0.0	0.0	0.0	Very Coarse Sand
710	100.0	0.0	0.0	0.0	Coarse Sand
500	100.0	0.0	0.0		
355	99.8	0.2	0.2	3.1	Medium Sand
250	96.9	3.1	2.9		
180	52.5	47.5	44.4	80.2	Fine Sand
150	28.4	71.6	24.1		
125	16.7	83.3	11.7		
90	7.5	92.5	9.2	14.2	Very Fine Sand
63	2.5	97.5	5.0		
-63		100.0	2.5	2.5	Silt / Clay

Other Properties

Parameter	Unit	Typical Value
AFS		85
AGS	µm	172
D50	mm	177
Bulk Density Loose	Kg/m ³	1190
Bulk Density Compacted	Kg/m ³	1610
Grain Shape Angularity	Sub rounded	
Grain Shape Sphericity	Medium	

Comments: This product information is indicative only and does not constitute a specification



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 Page: 1 of 1



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