

Product Description: Washed and attrited silica sand

Chemical Analysis

Element	Units	Typical Value
SiO ₂	%	97.36
Fe ₂ O ₃	%	0.66
Al ₂ O ₃	%	0.80
TiO ₂	%	0.25
K ₂ O	%	0.45
Na ₂ O	%	<0.05
Loss on Ignition	%	0.33

Particle Size Distribution – Category = Fine Sand

Aperture	Typical Cumulative Passing	Limits Cumulative Passing	Typical Cumulative Retained	Typical Retained Each Sieve	Typical Retained	Category
Microns	%		%	%	%	
1000	99.4	99.0 Min	0.6	0.6	0.6	Very Coarse Sand
710	98.6		1.4	0.8	2.7	Coarse Sand
500	96.7		3.3	1.9		
355	94.2		5.8	2.5	8.5	Medium Sand
250	88.2		11.8	6.0		
180	63.1		36.9	25.1	72.5	Fine Sand
125	15.7		84.3	47.4		
90	1.9		98.1	13.8	15.5	Very Fine Sand
63	0.2	1.0 Max	99.8	1.7		
-63			100.0	0.2	0.2	Silt / Clay

Other Properties

Parameter	Unit	Typical Value
AFS		79
AGS	µm	194
D50	µm	159
Bulk Density Loose	Kg/m ³	1342
Grain Shape Angularity	Sub Angular	
Grain Shape Sphericity	Medium	

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



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