



Silica Sand is a high-grade silica sand for use with Connect thermal grouts which provide high thermal conductivity. Silica Sand is a washed and dried pre-packaged compound with a silica content greater than 96%. It is available in 25kg bags, 1000 or 1350kg 'BigBags'.

Applications

- Thermal enhancement of geothermal grouts
- Thermal enhancement of Thermo-Loops®

Features

- 96% Silica
- Average grain size 239 microns
- Washed, drained and pre-packaged

Chemical Analysis		
	Typical %	Limit%
SiO ₂	96.54	95 Min
Fe ₂ O ₃	0.24	0.30 Max

Parameter	
Typical	Range Limit
Average Grain Size	239 microns

Physical Analysis						
Microns	Typical % retained (each sieve)	Limit	Typical % cumulative retained	Limit %	Typical % cumulative passing	Limit %
1000	0.0		0.0	0.2 Max	100.0	99.8 Min
710	0.1		0.1		99.9	
500	1.0		1.1	4.0 Max	98.9	96.0 Min
355	6.5		7.6		92.4	
250	27.8		35.4		64.6	
212	22.5		57.9		42.1	
180	18.0		75.9		24.1	
150	16.4		92.3		7.7	
125	6.1		98.4	95.0 Min	1.6	
90	1.5		99.9		0.1	
63	0.1		100.0	99.8 Min	0.0	0.2 Max
-63	0.0	0.2 Max				