

COBANASIL® - T Moist Quartz Silica Sand

Features & Benefits

North Park-UK

Washed, graded, clean silica sand typically used for play pits and athletics jump pits.

Granulometric Data & Physical Characteristics

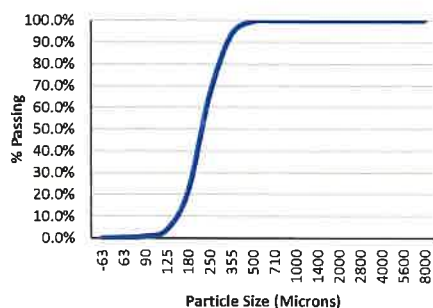
Mean values. These do not represent a specification.

Aperture	Typical Cumulative Passing	Typical Retained Each Sieve	Typical Retained	Category
Microns	%	%	%	
8000	100.0	0.0	0.0	Stones
5600	100.0	0.0	0.0	Coarse Gravel
4000	100.0	0.0		
2800	100.0	0.0		
2000	100.0	0.0	0.0	Fine Gravel
1400	100.0	0.0		
1000	100.0	0.0		
710	100.0	0.0	0.4	Coarse Sand
500	99.6	0.4		
355	93.5	6.1		
250	65.4	28.1	34.2	Medium Sand
180	21.0	44.4	61.6	Fine Sand
125	3.8	17.2		
90	0.8	3.0		
63	0.2	0.6	3.6	Very Fine Sand
-63		0.2	0.2	Silt / Clay

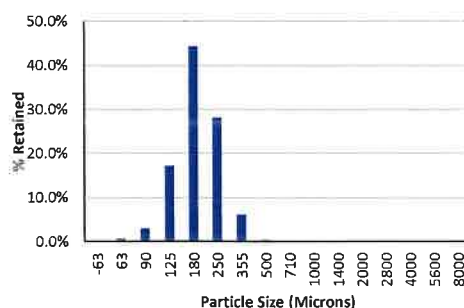
ASTM sieves

150-250 µm	57.0 %	<i>Fine Sand</i>
53-150 µm	8.3 %	<i>Very Fine Sand</i>

Typical cumulative passing (%)



Typical retained each sieve (%)



Physical properties

Parameter	Unit	Typical Value
Silica Content (SiO ₂)	%	99.7
Saturated Hydraulic Conductivity *	mm/hr	300
AFS		61
AGS	µm	236
Bulk Density	Kg/m ³	1600
pH (1:1 water)		7.1
BET Specific Surface Area (Theoretical)	cm ² /g	170
Grain Shape Angularity	Sub Rounded	
Grain Shape Sphericity	Medium	

* Tested at 30cm tension [ASTM F1815-11]

D Values

D Value	Unit	Typical Value
D95	µm	364
D90	µm	322
D85	µm	299
D60	µm	239
D50	µm	223
D25	µm	187
D20	µm	178
D15	µm	168
D10	µm	155
D5	µm	134
D60/D10 (U.C. 01)		1.5
D90/D10 (U.C. 02)		2.1

Availability

North Park, UK
 Moist; Bulk

For Product Information & Customer Service

Sibelco UK, Brookside Hall, Congleton Road, Sandbach, Cheshire, UK - CW11 4TF

United Kingdom
 Tel: 0800 987 4108 (domestic)
 Tel: +44 1270 332 037 (export markets)
customersupport.gb@sibelco.com

The technical data presented here is for marketing purposes only and is not contractually binding, the data herein is determined using Sibelco standard test methods. Since the product is based upon a naturally occurring material, we reserve the right to change this data when necessary. Safety information accompanying this product is available in the form of an SDS. All sales are undertaken strictly in accordance with our "General Conditions of Sale", available upon request, or by a written sales agreement duly signed by us.

COBANASIL_Silica NPT WS_MOIST_TDS_NP1_UK_AUG 2020_EN_1.00