

DRIED AND GRADED SANDS AND GRAVELS TYPICAL SPECIFICATIONS

PRODUCT	#6.5 SAND	7C SAND	W9 SAND	SYNTHETIC TURF SAND	#1	#3	#4	#5	#6
SIEVE SIZE (mm)	TYPICAL GRADING ANALYSIS TEST RESULTS PERCENT PASSING %								
26.5						93			
22.4						81			
20						59			
16						28			
13.2						11	100		
12.5						8	99		
11.2						2	91		
9.5						1	69	100	
8						0	36		
6.7							12	97	
6.3							10	96	
5.6							6	90	
4.75							2	67	
4							0	38	100
3.35								15	99
3.15								8	98
2.8								2	87
2.36								0	52
2	100								26
1.8	92								13
1.7		100							
1.6					100				5
1.4	54	96			93				1
1.25	35								0
1.18		85			44				
1	12	72		100	7				
0.85	5	44		97	1				
0.71	2	17		91	0				
0.6		7		80					
0.5		2	100	68					
0.425			99	50					
0.3			68	15					
0.212			8	1					
0.16			1	0					
0.075			0						
NOMINAL SIZE	0.8-1.8mm	Appx. 0.6-1.2mm	0.1-0.5mm	0.2-1mm	0.8-1.6mm	11-26mm	5-12mm	2.8-6.5mm	1.5-3.33mm
LIMITS (%)	+/- 8%		+/- 8%	+/- 8%	+/- 8%	+/- 8%	+/- 8%	+/- 8%	+/- 8%
EFFECTIVE SIZE (mm)	Appx. 0.85-0.95	0.55-0.65	Appx. 0.22	Appx. 0.28	Appx. 1.01	Appx. 12.96	Appx. 6.37	Appx. 3.2	Appx. 1.72
UNIFORMITY CO-EFFICIENT	Appx. <1.5	Appx. < 1.5	Appx. < 1.5	Appx. < 1.6	Appx. 1.23	Appx. 1.55	Appx. 1.43	Appx. 1.42	Appx. 1.43
BULK DENSITY	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
SPECIFIC GRAVITY	2.65	2.65	2.65	2.65	2.58	2.61	2.6	2.6	2.58
ACID SOLUBILITY 1:1 HCl SOLUTION	<2%	<2%	<2%		<2%	<2%	<2%	<2%	<2%