

DRIED AND GRADED SANDS AND GRAVELS TYPICAL SPECIFICATIONS



PRODUCT	W9 SAND	SYNTHETIC TURF SAND	W7C	1-2MM	#3	#4	#5	#6
GRADING	0.1-0.5mm +/-8%	0.2-1.0mm +/-8%	ES 0.56-0.70 UC</1.50	1-2mm	11-26mm +/-8%	5-12mm +/-8%	2.8-6.5mm +/-8%	1.5-3.3mm +/-8%
MOISTURE CONTENT	DRIED	DRIED	DRIED	DRIED	NATURAL STATE	NATURAL STATE	NATURAL STATE	DRIED
COLOUR	WHITE	TAN	WHITE	WHITE	OFF WHITE	OFF WHITE	OFF WHITE	OFF WHITE

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				100			2	87
2.36							0	52
2				95				26
1.8				86				13
1.7			100					
1.6				70				5
1.4			99	52				1
1.25				33				0
1.18			92					
1		100	77	8				
0.85		97	54	2				
0.71		91	26					
0.6		80	10					
0.5	100	68	3					
0.425	99	50						
0.3	68	15						
0.212	8	1						
0.16	1	0						
0.075	0							
NORMAL SIZE	0.1-0.5mm	0.2-1mm	0.6-1.2mm	1-2mm	11-26mm	5-12mm	2.8-6.5mm	1.5-3.33mm
LIMITS (%)	+/- 8%	+/- 8%			+/- 8%	+/- 8%	+/- 8%	+/- 8%
EFFECTIVE SIZE (mm)	Appx. 0.22	Appx. 0.28	ES 0.56-0.70	ES Appx. 1.0	Appx. 12.96	Appx. 6.37	Appx. 3.2	Appx. 1.72
UNIFORMITY CO-EFFICIENT	Appx. < 1.5	Appx. < 1.6	UC</1.50	Uc Apprx. 1.50	Appx. 1.55	Appx. 1.43	Appx. 1.42	Appx. 1.43
BULK DENSITY	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.5
SPECIFIC GRAVITY	2.65	2.65	2.62	2.62	2.61	2.6	2.6	2.58
ACIDIC SOLUBILITY 1:1 HCl SOLUTION	<2%		<0.5%	<0.5%	<2%	<2%	<2%	<2%

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