



Typical Sieve Gradation

Location:

Simi Valley

Product:

Silver Sand®

Date

3/31/2024

Silver Sand 12 CARB Certified for Outdoor Sandblasting			Silver Sand 16 CARB Certified for Outdoor Sandblasting			Silver Sand 20 CARB Certified for Outdoor Sandblasting			Silver Sand 30		
US Sieve	Cum. % Passing	Ind. % Retained	US Sieve	Cum. % Passing	Ind. % Retained	US Sieve	Cum. % Passing	Ind. % Retained	US Sieve	Cum. % Passing	Ind. % Retained
#6 (3.35mm)	100.0	0.0	#8 (2.36mm)	100.0							
#8 (2.36mm)	98.4	1.6	#10 (2mm)	99.7	0.3						
#10 (2mm)	65.7	32.7	#12 (1.7mm)	96.8	2.9	#12 (1.7mm)	100.0				
#12 (1.7mm)	25.3	40.4	#16 (1.18mm)	57.3	39.5	#16 (1.18mm)	99.4	0.6			
#16 (1.18mm)	7.3	18.0	#20 (.85mm)	16.4	40.9	#20 (.85mm)	82.3	17.1	#20 (.85mm)	98.9	1.1
#20 (.85mm)	4.2	3.1	#30 (.6mm)	3.4	13.0	#30 (.6mm)	32.9	49.4	#30 (.6mm)	89.7	9.2
#30 (.6mm)	1.9	2.3	#40 (.425mm)	0.7	2.7	#40 (.425mm)	6.0	26.9	#40 (.425mm)	45.5	44.2
			#50 (.3mm)	0.1	0.6	#50 (.3mm)	0.4	5.6	#50 (.3mm)	9.2	36.3
						#70 (.212mm)	0.1	0.3	#70 (.212mm)	3.7	5.5
Pan		1.9	Pan		0.1	Pan		0.1	#100 (.15mm)	1.3	2.4
									Pan		1.3
Eff Size (mm)	1.25		Eff Size (mm)	0.71		Eff Size (mm)	0.45		Eff size (mm)	0.30	
U Coefficient	1.57		U Coefficient	1.69		U Coefficient	1.62		U Coefficient	1.57	

Silver Sand 50			Silver Sand 60			Silver Sand 70			Silver Sand 90		
US Sieve	Cum. % Passing	Ind. % Retained	US Sieve	Cum. % Passing	Ind. % Retained	US Sieve	Cum. % Passing	Ind. % Retained	US Sieve	Cum. % Passing	Ind. % Retained
#30 (.6mm)	100.0	0	#30 (.6mm)	99.8	0.2	#30 (.6mm)	100.0	0	#30 (.6mm)	100.0	0.0
#40 (.425mm)	97.3	2.7	#40 (.425mm)	98.5	1.3	#40 (.425mm)	99.8	0.2	#40 (.425mm)	99.7	0.3
#50 (.3mm)	58.0	39.3	#50 (.3mm)	69.6	28.9	#50 (.3mm)	86.9	12.9	#50 (.3mm)	97.3	2.4
#70 (.212mm)	11.2	46.8	#70 (.212mm)	30.0	39.6	#70 (.212mm)	55.1	31.8	#70 (.212mm)	79.3	18.0
#100 (.15mm)	2.4	8.8	#100 (.15mm)	13.1	16.9	#100 (.15mm)	23.1	32.0	#100 (.15mm)	39.9	39.4
#140 (.106mm)	0.6	1.8	#140 (.106mm)	5.5	7.6	#140 (.106mm)	12.9	10.2	#140 (.106mm)	15.5	24.4
#200 (75µm)	0.2	0.4	#200 (75µm)	1.7	3.8	#200 (75µm)	5.9	7.0	#200 (75µm)	5.0	10.5
						#270 (53µm)	1.7	4.2	#270 (53µm)	1.1	3.9
Pan		0.2	Pan		1.7	Pan	0.0	1.7	Pan		1.1
Eff Size (mm)	0.20		Eff Size (mm)	0.13		Eff Size (mm)	0.09		Eff Size (mm)	0.09	
U Coefficient	1.51		U Coefficient	2.12		U Coefficient	2.44		U Coefficient	2.02	

Mineral: Feldspathic Sand Moisture Content: <0.1% Shape: Sub Angular Hardness: 6.5 Specific Gravity: 2.6 Unit Weight: 96-88 lbs/ft3 dependent on grade

The information presented on this report lists typical properties of the described product. By this report P.W. Gillibrand Co., Inc. makes no warranty, expressed or implied, of fitness for any purpose. Values valid for 90 days. This product contains respirable crystalline silica (Quartz), known to the State of California to cause cancer. For additional information, please see the Safety Data Sheet (SDS) at pwgillibrand.com