



Location: San Juan Capistrano
Product: Industrial Sand
 Typical Sieve Gradation
 Date: 3/31/2024

Industrial Sand 12			Industrial Sand 16			Industrial Sand 20		
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)	99.0	0.3	#8 (2.36mm)	100.0	0.0			
#12 (1.7mm)	67.0	32.7	#12 (1.7mm)	98.0	2.0	#12 (1.7mm)	100.0	0.0
#16 (1.18mm)	11.0	56.0	#16 (1.18mm)	69.0	29.0	#16 (1.18mm)	100.0	0.0
#20 (.85mm)	3.0	8.0	#20 (.85mm)	23.0	46.0	#20 (.85mm)	89.0	11.0
#30 (.6mm)	2.0	1.0	#30 (.6mm)	5.0	18.0	#30 (.6mm)	37.0	52.0
			#40 (.425mm)	1.0	4.0	#40 (.425mm)	6.0	31.0
			#50 (.3mm)	0.0	1.0	#50 (.3mm)	0.0	6.0
Pan		2.0	Pan		0.0	#70 (.212mm)	0.0	0.0
Effective Size (mm)	1.12		Effective Size (mm)	0.66		Pan	0.0	0.0
Uniformity Coefficient	1.45		Uniformity Coefficient	1.68		Effective Size (mm)	0.44	
						Uniformity Coefficient	1.58	

Industrial Sand 30			Industrial Sand 60			Industrial Sand 90		
US Sieve	Cum. % Passing	Ind. % Retained	US Sieve	Cum. % Passing	Ind. % Retained	US Sieve	Cum. % Passing	Ind. % Retained
#20 (.85mm)	99.0	1.0						
#30 (.6mm)	94.0	5.0	#30 (.6mm)	100.0	0.0	#30 (.6mm)	100.0	0.0
#40 (.425mm)	44.0	50.0	#40 (.425mm)	100.0	0.0	#40 (.425mm)	100.0	0.0
#50 (.3mm)	7.0	37.0	#50 (.3mm)	75.0	25.0	#50 (.3mm)	87.0	13.0
#70 (.212mm)	1.0	6.0	#70 (.212mm)	34.0	41.0	#70 (.212mm)	56.0	31.0
#100 (.15mm)	0.0	1.0	#100 (.15mm)	5.0	29.0	#100 (.15mm)	22.0	34.0
			#140 (.106mm)	1.0	4.0	#140 (.106mm)	11.0	11.0
			#200 (75µm)	0.3	0.7	#200 (75µm)	6.2	4.8
Pan		0.0	Pan		0.3	#270 (53µm)	4.5	1.7
Effective Size (mm)	0.31		Effective Size (mm)	0.16		Pan	0.0	4.5
Uniformity Coefficient	1.53		Uniformity Coefficient	1.66		Effective Size (mm)	0.10	
						Uniformity Coefficient	2.21	

Mineral: Feldspathic Sand Moisture Content: <0.1% Shape: Sub Angular Hardness: 6.5 Specific Gravity: 2.6 Unit Weight: 94-89 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