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RFS 6 (6/9)				RFS 5 (8/12)				RFS 4 (8/16)			
US Sieve	Cum. % Passing	Ind. % Retained	%Passing Range	US Sieve	Cum. % Passing	Ind. % Retained	%Passing Range	US Sieve	Cum. % Passing	Ind. % Retained	%Passing Range
4	100.0	0.0	99.5 - 100	5	100.0	0.0		6	100.0	0.0	99 - 100
5	99.6	0.4		6	99.1	0.9		7	99.9	0.1	
6	95.2	4.4	92 - 100	7	95.0	4.1		8	95.1	4.8	90 - 100
7	70.4	24.8		8	80.1	14.9	75 - 95	10	66.8	28.3	
8	17.2	53.2	0 - 22	10	44.0	36.1		12	28.7	38.1	
10	0.4	16.8		12	6.8	37.2	0 - 10	14	3.5	25.2	
12	0.0	0.4		14	0.1	6.7		16	0.6	2.9	0 - 3
PAN	0.0	0.0		16	0.0	0.1		18	0.1	0.5	
				PAN	0.0	0.0		PAN	0.0	0.1	
Effective Size (mm)		2.22	2.13 - 2.33	Effective Size (mm)		1.73	1.70 - 1.79	Effective Size (mm)		1.48	1.41 - 1.55
Uniformity Coefficient		1.22	< 1.4	Uniformity Coefficient		1.25	< 1.4	Uniformity Coefficient		1.32	< 1.4

RFS 3 (12/20)				RFS 2 (16/30)				RFS 1 (20/40)			
US Sieve	Cum. % Passing	Ind. % Retained	%Passing Range	US Sieve	Cum. % Passing	Ind. % Retained	%Passing Range	US Sieve	Cum. % Passing	Ind. % Retained	%Passing Range
8	100.0	0.0	99.5 - 100	12	100.0	0.0	99.5 - 100	16	100.0	0.0	99.5 - 100
10	99.9	0.1		14	99.7	0.3		18	99.8	0.2	
12	97.4	2.5		16	96.9	2.8		20	99.3	0.5	
14	71.6	25.8		18	87.3	9.6		25	96.2	3.1	
16	36.6	35.0		20	55.1	32.2		30	55.0	41.2	
18	8.8	27.8		25	14.6	40.5		35	13.9	41.1	
20	1.1	7.7		30	1.7	12.9		40	1.8	12.1	
25	0.2	0.9	0 - 1	35	0.2	1.5	0 - 1	45	0.2	1.6	0 - 1
PAN	0.0	0.2		PAN	0.0	0.2		PAN	0.0	0.2	
Effective Size (mm)		1.01	1.00 - 1.08	Effective Size (mm)		0.67	0.65 - 0.75	Effective Size (mm)		0.48	0.45 - 0.65
Uniformity Coefficient		1.32	< 1.4	Uniformity Coefficient		1.30	< 1.4	Uniformity Coefficient		1.29	< 1.4

Typical Physical Properties

Mineral	Quartz	Mohs Hardness	7
pH	Neutral	Specific Gravity	2.65
Color	Tan	Melting Point	2,800°F - 3,100°F
Roundness	0.6+	LOI	0.45
Sphericity	0.6+	Bulk Density	~100 lbs per Cubic Foot

Typical Chemical Analysis

SiO2	98.90%	Na2O	0.02%
Fe2O3	0.46%	TiO2	0.02%
Al2O3	0.33%	CaO	0.01%
K2O	0.23%		

DISCLAIMER:

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.