

**PWG Transloading Services**

9952 Enos Lane  
 Shafter, CA 93263  
 Sales Phone: 805-526-2195  
 Sales email: adam.lind@pwgcoinc.com  
[www.pwgillibrand.com](http://www.pwgillibrand.com)

Revised: 3/31/2024



RFS 6 (6/9)				RFS 5 (8/12)				RFS 4 (8/16)			
US Sieve	Cum. % Passing	Ind. % Retained	Range	US Sieve	Cum. % Passing	Ind. % Retained	Range	US Sieve	Cum. % Passing	Ind. % Retained	Range
4	100.0	0.0		5	100.0	0.0		6	100.0	0.0	
5	100.0	0.0		6	99.6	0.4		7	99.8	0.2	
6	97.5	2.5	92 - 100	7	94.5	5.1		8	93.8	6.0	90 - 100
7	69.8	27.7		8	78.4	16.1	75 - 95	10	70.8	23.0	
8	20.2	49.6	0 - 22	10	40.3	38.1		12	37.0	33.8	
10	1.2	19.0		12	6.6	33.7	0 - 10	14	4.8	32.2	
12	0.0	1.2		14	0.4	6.2		16	0.4	4.4	0 - 3
PAN	0.0	0.0		16	0.1	0.4		18	0.1	0.3	
				PAN	0.1	0.0		PAN	0.0	0.1	
Effective Size (mm)			2.16	Effective Size (mm)			1.73	Effective Size (mm)			1.46
Uniformity Coefficient			1.25	Uniformity Coefficient			1.26	Uniformity Coefficient			1.31

RFS 3 (12/20)				RFS 2 (16/30)				RFS 1 (20/40)			
US Sieve	Cum. % Passing	Ind. % Retained	Range	US Sieve	Cum. % Passing	Ind. % Retained	Range	US Sieve	Cum. % Passing	Ind. % Retained	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	100.0	0.0		14	99.5	0.5		18	100.0	0.0	
12	98.1	1.9		16	98.4	1.1		20	99.6	0.4	
14	77.3	20.8		18	86.5	11.9		25	88.6	11.0	
16	43.7	33.6		20	51.8	34.7		30	37.2	51.4	
18	12.3	31.4		25	13.5	38.3		35	6.7	30.5	
20	2.3	10.0	0 - 1	30	0.9	12.6		40	0.3	6.4	
25	0.8	1.5		35	0.1	0.8	0 - 1	45	0.0	0.3	0 - 1
PAN	0.5	0.3		PAN	0.0	0.1		PAN	0.0	0.0	
Effective Size (mm)			0.96	Effective Size (mm)			0.68	Effective Size (mm)			0.51
Uniformity Coefficient			1.33	Uniformity Coefficient			1.30	Uniformity Coefficient			1.27

**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	98.5%	Na2O	0.02%
Fe2O3	0.3%	TiO2	0.02%
Al2O3	0.9%	CaO	0.01%
K2O	0.2%		

**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.

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](http://pwgillibrand.com)