

PWG of Texas

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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	99.8	0.2	0-1	6	99.6	0.4	0-1	7	99.7	0.3	0-2
6	95.6	4.2	0-8	7	95.9	3.7	0-5	8	95.5	4.2	0-9
7	62.5	33.1	25-42	8	82.1	13.8	10-30	10	72.0	23.5	10-35
8	10.2	52.3	45-60	10	45.3	36.8	30-45	12	34.8	37.2	30-45
10	0.7	9.5	3-16	12	6.9	38.4	30-50	14	4.5	30.3	18-42
12	0.1	0.6	0-2	14	0.2	6.7	1-8	16	0.8	3.7	0-8
PAN		0.1		16	0.0	0.2	0-1	18	0.1	0.7	0-2
				PAN		0.0		PAN		0.1	
Effective Size (mm)		2.33		Effective Size (mm)		1.72		Effective Size (mm)		1.46	
Uniformity Coefficient		1.20		Uniformity Coefficient		1.24		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		12	100.0	0.0		16	100.0	0.0	
10	99.8	0.2	0-1	14	99.9	0.1	0-1	18	99.9	0.1	0-1
12	96.1	3.7	0-9	16	99.4	0.5	0-5	20	99.1	0.8	0-5
14	69.9	26.2	15-37	18	89.1	10.3	5-15	25	70.1	29.0	18-40
16	37.7	32.2	25-40	20	42.8	46.3	40-50	30	27.7	42.4	36-49
18	10.3	27.4	20-35	25	5.7	37.1	30-40	35	6.8	20.9	14-30
20	1.6	8.7	2-15	30	0.6	5.1	0-6	40	1.4	5.4	3-8
25	0.1	1.5	0-3	35	0.2	0.4	0-1	45	0.2	1.2	0-2
PAN		0.1		PAN		0.2		PAN		0.2	
Effective Size (mm)		0.98		Effective Size (mm)		0.72		Effective Size (mm)		0.52	
Uniformity Coefficient		1.34		Uniformity Coefficient		1.24		Uniformity Coefficient		1.32	

Typical Physical Properties

Mineral.....Quartz	Mohs Hardness.....7.0
pH.....Neutral (7.0)	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.....98.9%	Na2O.....0.02%
Fe2O3.....0.46%	TiO2.....0.02%
Al2O3.....0.33%	CaO.....0.01%
K2O.....0.23%	