



BEAR RIVER ZEOLITE BRZ™

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PARTICLE SIZES AVAILABLE

US MESH	INCHES	MILLIMETERS	MICRONS
Mine run	-36		
Cone crusher	-1 ½	-38.1	
	½ x ¼	12.7 x 6.35	
4 x 8	0.187 x 0.0933	4.775 x 2.38	
4 x 14	0.187 x 0.0555	4.775 x 0.0555	
4 x 40	0.187 x 0.0165	4.775 x 0.400	
8 x 40	0.0937 x 0.0165	2.38 x 0.400	
14 x 40	0.0555 x 0.0165	1.410 x 0.400	
-40	-0.0165	-0.400	
30 x 60	0.0232 x 0.0098	0.595 x 0.250	
60 cycle			15-25
Ultra fine			5-9

BRZ™ TYPICAL COARSE PARTICLE SIZE DISTRIBUTIONS

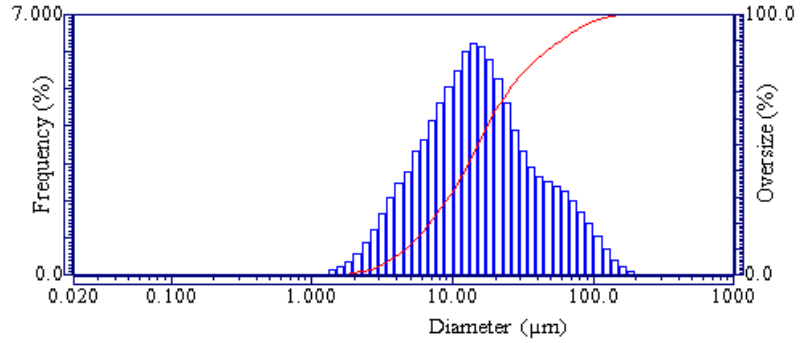
(JANUARY 3, 2011)

Mesh Size Percentage	4x8	4x14	8x40	14x40	30x60	Minus 40
+4	0.7	0.6				
+6	43.9					
+8	39.9	49.5	0.4			
+10	12.5	14.6				
-10	3.0					
+14		27.8	43.2	1.6		
-14		7.5				
+20			35.8	59.2		
+30			15.8	30.1	10.3	0.0
+40			4.1	6.9	56.1	4.6
-40			0.7	2.2		
+60					21.8	17.2
-60						78.2
+80					5.2	
+100					0.9	
-100					5.7	

BRZ™ FINE PARTICLE PARTICLE SIZE DISTRIBUTIONS

“60 CYCLE” (mean 14.1931 μm)

Source	60 Cycle BRZ™
Lot Number	Zeolite
S.P. Area	D7310A
Median	5848.1(cm ² /cm ³)
Mean	14.9312(μm)
Variance	24.2174(μm ²)
S.D.	690.40(μm ²)
CV	26.2755(μm)
Mode	108.4985
	14.1948(μm)

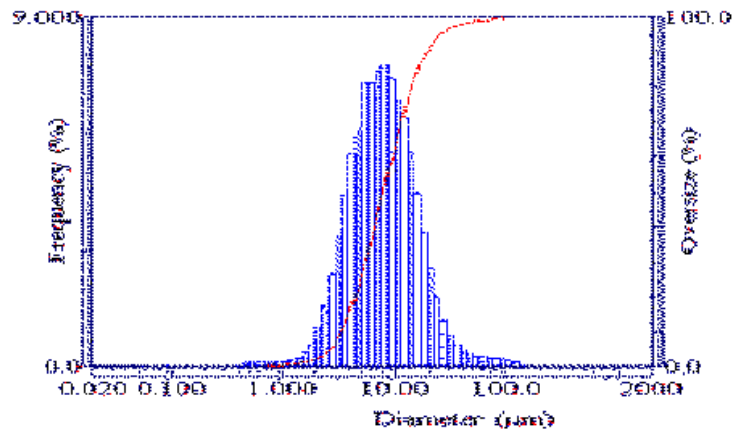


Diameter	Frequency (%)	Oversize (%)
0.022	0	0
0.026	0	0
0.029	0	0
0.034	0	0
0.039	0	0
0.044	0	0
0.051	0	0
0.058	0	0
0.067	0	0
0.076	0	0
0.087	0	0
0.1	0	0
0.115	0	0
0.131	0	0
0.15	0	0
0.172	0	0
0.197	0	0
0.226	0	0
0.259	0	0
0.296	0	0
0.339	0	0
0.389	0	0
0.445	0	0
0.51	0	0
0.584	0	0
0.669	0	0
0.766	0	0
0.877	0	0
1.005	0	0
1.151	0	0
1.318	0	0
1.51	0.144	0.144
1.729	0.223	0.367
1.981	0.355	0.722
2.269	0.567	1.289

2.599	0.866	2.155
2.976	1.214	3.369
3.409	1.637	5.005
3.905	2.062	7.068
4.472	2.462	9.53
5.122	2.789	12.319
5.867	3.314	15.634
6.72	3.643	19.276
7.697	4.127	23.403
8.816	4.624	28.027
10.097	5.033	33.06
11.565	5.484	38.544
13.246	5.98	44.524
15.172	6.208	50.731
17.377	6.098	56.83
19.904	5.788	62.618
22.797	5.247	67.865
26.111	4.595	72.46
29.907	3.895	76.355
34.255	3.321	79.676
39.234	2.89	82.567
44.938	2.655	85.222
51.471	2.515	87.737
58.953	2.397	90.134
67.523	2.236	92.37
77.339	2.002	94.372
88.583	1.712	96.084
101.46	1.384	97.468
116.21	1.034	98.502
133.103	0.7	99.202
152.453	0.425	99.627
174.616	0.233	99.86
200	0.102	99.962
229.075	0.038	100
262.376	0	100
300.518	0	100
344.206	0	100
394.244	0	100
451.556	0	100
517.2	0	100
592.387	0	100
678.504	0	100
777.141	0	100
890.116	0	100
1000	0	100

“ULTRA FINE” (mean 10.9255 μm)

S.P. Area 9907.2(cm²/cm³)
Median 7.8755(μm)
Mean 10.9258(μm)
Variance 148.02(μm²)
S.D. 12.1665(μm)
CV 111.3556
Mode 8.2244(μm)



Diameter	Frequency (%)	Oversize (%)
0.022	0	0
0.026	0	0
0.029	0	0
0.034	0	0
0.039	0	0
0.044	0	0
0.051	0	0
0.058	0	0
0.067	0	0
0.076	0	0
0.087	0	0
0.1	0	0
0.115	0	0
0.131	0	0
0.15	0	0
0.172	0	0
0.197	0	0
0.226	0	0
0.259	0	0
0.296	0	0
0.339	0	0
0.389	0	0
0.445	0.035	0.035
0.51	0.107	0.143
0.584	0.108	0.251
0.669	0.108	0.359
0.766	0.105	0.464
0.877	0.107	0.57
1.005	0.116	0.687
1.151	0.142	0.829
1.318	0.179	1.008
1.51	0.254	1.262
1.729	0.379	1.641
1.981	0.604	2.244
2.269	1.003	3.247
2.599	1.591	4.838

2.976	2.367	7.204
3.409	3.354	10.559
3.905	4.433	14.991
4.472	5.442	20.433
5.122	6.085	26.518
5.867	7.274	33.792
6.72	7.299	41.091
7.697	7.601	48.691
8.816	7.735	56.427
10.097	7.425	63.851
11.565	6.817	70.669
13.246	6.393	77.061
15.172	5.537	82.598
17.377	4.481	87.079
19.904	3.471	90.55
22.797	2.555	93.105
26.111	1.809	94.914
29.907	1.223	96.137
34.255	0.822	96.959
39.234	0.567	97.526
44.938	0.425	97.951
51.471	0.343	98.294
58.953	0.299	98.593
67.523	0.276	98.869
77.339	0.263	99.132
88.583	0.25	99.382
101.46	0.229	99.611
116.21	0.194	99.805
133.103	0.148	99.953
152.453	0.047	100
174.616	0	100
200	0	100
229.075	0	100
262.376	0	100
300.518	0	100
344.206	0	100
394.244	0	100
451.556	0	100
517.2	0	100
592.387	0	100
678.504	0	100
777.141	0	100
890.116	0	100
1019.515	0	100
1167.725	0	100
1337.481	0	100
1531.914	0	100
1754.613	0	100
2000	0	100