

Particle Size Analysis -



D50 0.55

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12-07-2022

15:33

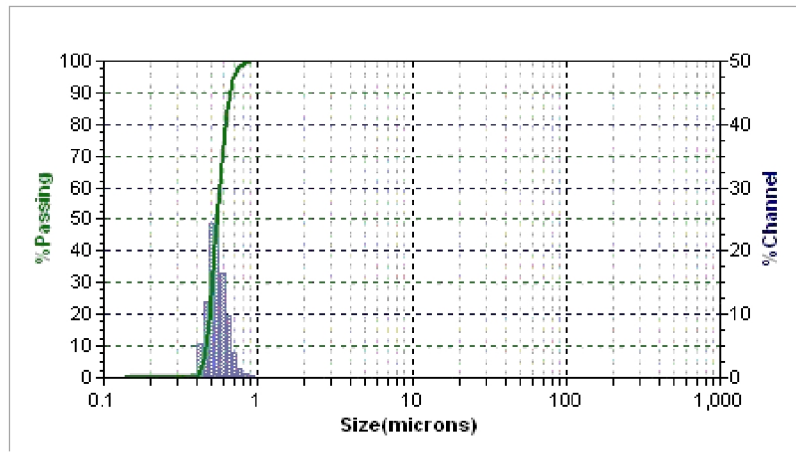
S3000/S3500
S3668

Data Item	Value
MV(um):	0.555
MN(um):	0.525
MA(um):	0.54
CS:	11.02
SD:	0.0740

Size(um)	%Tile

%Tile	Size(um)
5.00	0.442
10.00	0.464
30.00	0.510
40.00	0.527
50.00	0.544
60.00	0.563
90.00	0.659
95.00	0.700
97.00	0.729
99.00	0.800

Dia	Vol%	Width
0.544	100.0	0.15



2nd zhujiang road,industry and Trade Park of Xushui Town, Zhengzhou cityP.R.C.
TEL:0086-371-67650359
FXA:0086-371-67650316

Warnings: High Background

Distribution:	Volume	Run Time:	10 Sec	Fluid:	WATER		
Progression:	Geom 8 Root	Run Num:	1 of 1	Fluid Ref. Index:	1.333	Loading Factor:	0.001
Upper Edge:	704	Particle:	CURRENT PARTICLE	Above Residual:	0	Transmission:	0.95
Lower Edge:	0.122	Transparency:	Transparent	Below Residual:	0		
Residuals:	Disabled	Part. Ref. Index:	2.41			Flow:	35 %
Num. Channels:	100	Part. Shape:	Irregular	Cell ID:	0507	Usonic Power:	N/A
Analysis Mode:	X100					Usonic Time:	N/A
Filter:	Enabled	DB Record:	393	Recalc Status:		Serial Num:	S3668
Extended Rng:	Disabled	Database:	C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB2022\1122.MDB				

Size(um)	%Chan	% Pass	Size(um)	%Chan	% Pass	Size(um)	%Chan	% Pass	Size(um)	%Chan	% Pass
704.0	0.00	100.00	37.00	0.00	100.00	1.945	0.00	100.00			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	0.00	100.00			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	0.00	100.00			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	0.00	100.00			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	0.00	100.00			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	0.00	100.00			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	0.00	100.00			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	0.00	100.00			
352.0	0.00	100.00	18.50	0.00	100.00	0.972	0.20	100.00			
322.8	0.00	100.00	16.96	0.00	100.00	0.892	0.56	99.80			
296.0	0.00	100.00	15.56	0.00	100.00	0.818	1.29	99.24			
271.4	0.00	100.00	14.27	0.00	100.00	0.750	3.95	97.95			
248.9	0.00	100.00	13.08	0.00	100.00	0.688	9.75	94.00			
228.2	0.00	100.00	12.00	0.00	100.00	0.630	16.49	84.25			
209.3	0.00	100.00	11.00	0.00	100.00	0.578	25.78	67.76			
191.9	0.00	100.00	10.09	0.00	100.00	0.530	24.27	41.98			
176.0	0.00	100.00	9.25	0.00	100.00	0.486	12.01	17.71			
161.4	0.00	100.00	8.48	0.00	100.00	0.446	5.18	5.70			
148.0	0.00	100.00	7.78	0.00	100.00	0.409	0.51	0.52			
135.7	0.00	100.00	7.13	0.00	100.00	0.375	0.01	0.01			
124.5	0.00	100.00	6.54	0.00	100.00	0.344	0.00	0.00			
114.1	0.00	100.00	6.00	0.00	100.00	0.315	0.00	0.00			
104.7	0.00	100.00	5.50	0.00	100.00	0.2890	0.00	0.00			
95.96	0.00	100.00	5.04	0.00	100.00	0.2650	0.00	0.00			
88.00	0.00	100.00	4.62	0.00	100.00	0.2430	0.00	0.00			
80.70	0.00	100.00	4.24	0.00	100.00	0.2230	0.00	0.00			
74.00	0.00	100.00	3.89	0.00	100.00	0.2040	0.00	0.00			
67.86	0.00	100.00	3.57	0.00	100.00	0.1870	0.00	0.00			
62.23	0.00	100.00	3.27	0.00	100.00	0.1720	0.00	0.00			
57.06	0.00	100.00	2.999	0.00	100.00	0.1580	0.00	0.00			
52.33	0.00	100.00	2.750	0.00	100.00	0.1450	0.00	0.00			
47.98	0.00	100.00	2.522	0.00	100.00	0.1330	0.00	0.00			
44.00	0.00	100.00	2.312	0.00	100.00						
40.35	0.00	100.00	2.121	0.00	100.00						