

Bettersizer S Particle Size Analysis Report

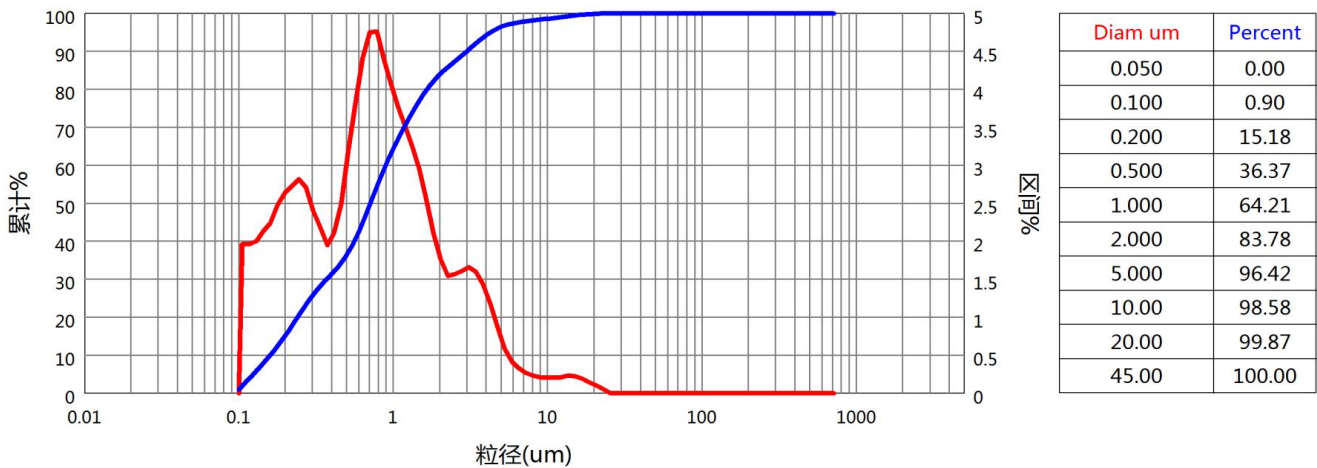
Range : 0.10um - 716um

Sample Name: Al ₂ O ₃ FM-23531128-A	Sample number:	Sample Owner:
Operator: hzl	Test Time: 2025-02-18 15:39:40	Measure Dept:
Test Method: Laser	Preparation: Dry powder sample	Medium Name: Water
Dispersant:	Ultrasound: 3min	Stirring: 3000r
Optical: Mie	Analysis Mode: 8.0 - General	Distribution: Volume
Particle RI: 1.7-0i	Medium RI: 1.333	Remark:

D[4,3]: 1.311um D[3,2]: 0.416um SSA: 5344m²/kg **Obscuration: 11.08%**

D[2,1]: 0.206um D[1,0]: 0.150um Span: 3.98 Residual: 0.505%

D03 = 0.111um	D06 = 0.131um	D10 = 0.159um	D16 = 0.206um	D25 = 0.292um
D75 = 1.374um	D50 = 0.713um	D84 = 2.026um	D90 = 3.002um	D97 = 5.542um



Diam um	Diff%	Cum%	Diam um	Diff%	Cum%	Diam um	Diff%	Cum%	Diam um	Diff%	Cum%
0.100-0.111	1.96	2.86	0.919-1.022	4.06	65.06	8.461-9.404	0.21	98.46	77.83-86.51	0.00	100
0.111-0.123	1.96	4.82	1.022-1.136	3.76	68.82	9.404-10.45	0.20	98.66	86.51-96.15	0.00	100
0.123-0.137	2.00	6.82	1.136-1.263	3.52	72.34	10.45-11.61	0.20	98.86	96.15-106.8	0.00	100
0.137-0.152	2.13	8.95	1.263-1.403	3.25	75.59	11.61-12.91	0.21	99.07	106.8-118.7	0.00	100
0.152-0.169	2.24	11.19	1.403-1.560	2.95	78.54	12.91-14.35	0.23	99.3	118.7-132.0	0.00	100
0.169-0.188	2.47	13.66	1.560-1.734	2.54	81.08	14.35-15.95	0.22	99.52	132.0-146.7	0.00	100
0.188-0.209	2.63	16.29	1.734-1.927	2.10	83.18	15.95-17.72	0.19	99.71	146.7-163.0	0.00	100
0.209-0.232	2.72	19.01	1.927-2.142	1.76	84.94	17.72-19.70	0.14	99.85	163.0-181.2	0.00	100
0.232-0.258	2.82	21.83	2.142-2.380	1.54	86.48	19.70-21.90	0.10	99.95	181.2-201.4	0.00	100
0.258-0.287	2.71	24.54	2.380-2.646	1.57	88.05	21.90-24.34	0.05	100	201.4-223.9	0.00	100
0.287-0.319	2.40	26.94	2.646-2.941	1.61	89.66	24.34-27.05	0.00	100	223.9-248.8	0.00	100
0.319-0.355	2.18	29.12	2.941-3.269	1.66	91.32	27.05-30.07	0.00	100	248.8-276.6	0.00	100
0.355-0.394	1.95	31.07	3.269-3.633	1.60	92.92	30.07-33.42	0.00	100	276.6-307.4	0.00	100
0.394-0.439	2.11	33.18	3.633-4.038	1.43	94.35	33.42-37.14	0.00	100	307.4-341.7	0.00	100
0.439-0.487	2.49	35.67	4.038-4.488	1.18	95.53	37.14-41.28	0.00	100	341.7-379.8	0.00	100
0.487-0.542	3.20	38.87	4.488-4.988	0.88	96.41	41.28-45.89	0.00	100	379.8-422.1	0.00	100
0.542-0.602	3.82	42.69	4.988-5.544	0.59	97	45.89-51.00	0.00	100	422.1-469.1	0.00	100
0.602-0.669	4.41	47.1	5.544-6.162	0.42	97.42	51.00-56.69	0.00	100	469.1-521.4	0.00	100
0.669-0.744	4.75	51.85	6.162-6.849	0.33	97.75	56.69-63.00	0.00	100	521.4-579.6	0.00	100
0.744-0.827	4.76	56.61	6.849-7.613	0.27	98.02	63.00-70.03	0.00	100	579.6-644.2	0.00	100
0.827-0.919	4.39	61	7.613-8.461	0.23	98.25	70.03-77.83	0.00	100	644.2-716.0	0.00	100

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