



## PSGNP-AS09

### PSGNP-AS09 石墨粒徑分析

#### BT-9300S 型激光粒度分佈儀分析系統結果報告

品名	D10 ( $\mu\text{m}$ )	D50 ( $\mu\text{m}$ )	D90 ( $\mu\text{m}$ )	BET ( $\text{m}^2/\text{g}$ )	振實密度 ( $\text{g}/\text{cm}^3$ )	固定碳 (%)
PSGNP-AS09	2.74	8.78	22.47	11.5	0.36	$\geq 99.6$

中位徑:8.78 $\mu\text{m}$	體積平均徑:10.93 $\mu\text{m}$	面積平均徑:5.95 $\mu\text{m}$	遮光率:17.75
比表面積:0.37 $\text{m}^2/\text{g}$	物質折射率:1.800+0.700i	介質折射率:1.333	跨度:2.25
D3:1.73 $\mu\text{m}$	D6:2.21 $\mu\text{m}$	D10:2.74 $\mu\text{m}$	D16:3.48 $\mu\text{m}$
D25:4.6 $\mu\text{m}$	D75:15.31 $\mu\text{m}$	D90:22.48 $\mu\text{m}$	D97:29.91 $\mu\text{m}$
D75:15.31			D98:32.01

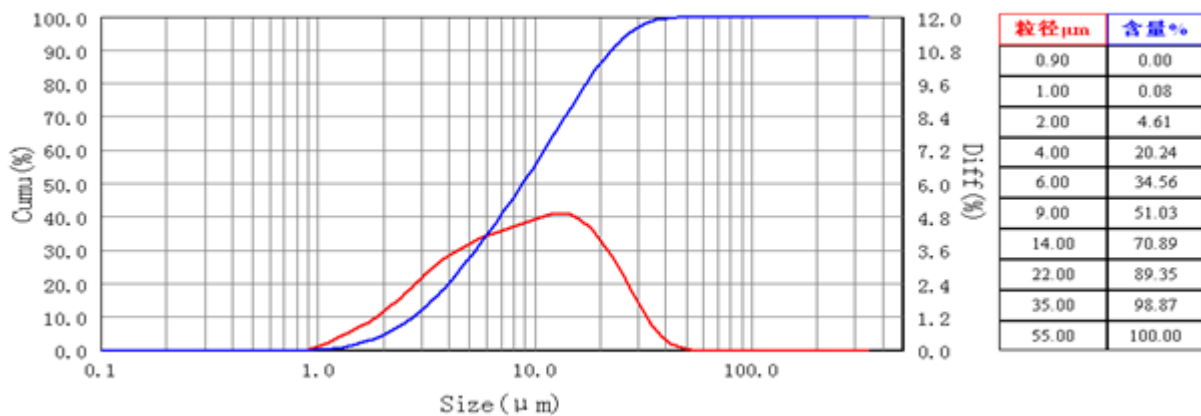
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粒徑(um)	區間%	累積%	粒徑(um)	區間%	累積%	粒徑(um)	區間%	累積%	粒徑(um)	區間%	累積%
0.10-0.11	0	0	0.76-0.85	0	0	5.84-650	4.16	37.7	44.69-49.74	0.1	99.98
0.11-0.12	0	0	0.85-0.94	0.02	0.02	6.50-7.24	4.29	41.99	49.74-55.36	0.02	100
0.12-0.13	0	0	0.94-1.05	0.12	0.14	7.24-8.05	4.4	46.39	55.36-61.61	0	100
0.13-0.15	0	0	1.05-1.17	0.28	0.42	8.05-8.97	4.51	50.9	61.61-68.58	0	100
0.15-0.17	0	0	1.17-1.30	0.47	0.89	8.97-9.98	4.63	55.53	68.58-76.33	0	100
0.17-0.19	0	0	1.30-1.45	0.65	1.54	9.98-11.11	4.77	60.3	76.33-84.95	0	100
0.19-0.21	0	0	1.45-1.61	0.82	2.36	11.11-12.36	4.9	65.2	84.95-94.55	0	100
0.21-0.23	0	0	1.61-1.80	1.01	3.37	12.36-13.76	4.93	70.13	94.55-105.24	0	100
0.23-0.26	0	0	1.80-2.00	1.24	4.61	13.76-15.32	4.88	75.01	105.24-117.13	0	100
0.26-0.29	0	0	2.00-2.23	1.52	6.13	15.32-17.05	4.71	79.72	117.13-130.36	0	100
0.29-0.32	0	0	2.23-2.48	1.83	7.96	17.05-18.97	4.39	84.11	130.36-145.10	0	100
0.32-0.36	0	0	2.48-2.76	2.17	10.13	18.97-21.12	3.95	88.06	145.10-161.49	0	100
0.36-0.40	0	0	2.76-3.07	2.51	12.64	21.12-23.51	3.43	91.49	161.49-179.74	0	100
0.40-0.44	0	0	3.07-3.42	2.84	15.48	23.51-26.16	2.88	94.37	179.74-200.05	0	100
0.40-0.49	0	0	3.42-3.80	3.17	18.65	26.16-29.12	2.25	96.62	200.05-222.66	0	100
0.49-0.55	0	0	3.80-4.23	3.42	22.07	29.12-32.41	1.57	98.19	222.66-247.82	0	100
0.55-0.61	0	0	4.23-4.711	3.63	25.07	32.41-36.07	0.94	99.13	247.82-275.83	0	100
0.61-0.68	0	0	4.71-5.25	3.82	29.52	36.07-40.15	0.51	99.64	275.83-306.99	0	100
0.68-0.76	0	0	5.25-5.84	4.02	33.54	40.15-44.69	0.24	99.88	306.99-341.69	0	100



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