

5 μ m Nylon *Laser Particle Sizer Testing Report* 2308A

SDI

Measuring range: 0.01-2000 μ m

Printing Time: 9/13/2019 3:04:12 PM

Sample Information

Sample Name: 5um Nylon【Average】

Sample source: SDI

Delivery Date: 8/27/2019

Testing Information

UltraSonic Time: 0s

Disperse medium: Air

Dispersant: 1

Testing enterprise: SDI

Measured by: B

Measuring Time: 8/27/2019 2:54:33 PM

Analyse Result (Analysis mode: Free distribution Statistics-Mode: By Volume distribution)

D10=3.751 μ m

Dav=5.238 μ m

Surface Weighted Mean D[3,2]=4.961 μ m

D50=5.115 μ m

S/V=12094.530 cm^2/cm^3

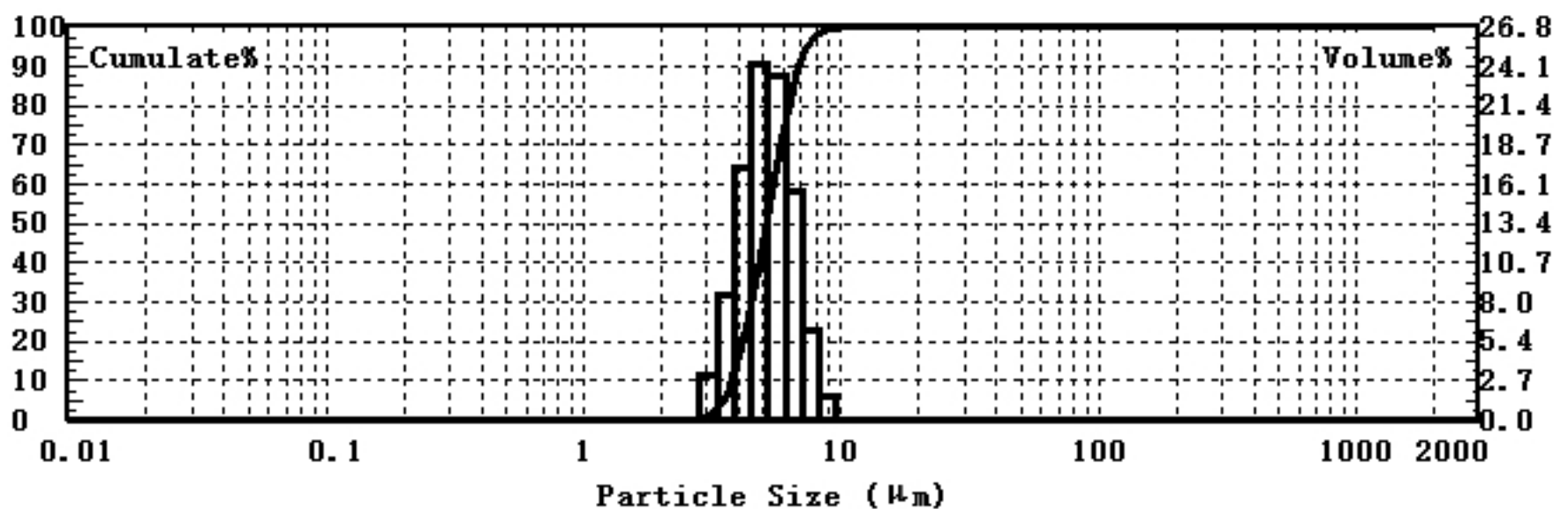
Vol. Weighted Mean D[4,3]=5.238 μ m

D90=6.889 μ m

Fitting deviation: 0.011

Optics Concentration: 7.81

Sample concentration: 0.00%



Size (μm)	Volume%	Cumulate%	Size (μm)	Volume%	Cumulate%	Size (μm)	Volume%	Cumulate%
0.012	0.000	0.000	0.717	0.000	0.000	44.102	0.000	100.000
0.014	0.000	0.000	0.835	0.000	0.000	51.371	0.000	100.000
0.016	0.000	0.000	0.972	0.000	0.000	59.839	0.000	100.000
0.018	0.000	0.000	1.133	0.000	0.000	69.702	0.000	100.000
0.021	0.000	0.000	1.320	0.000	0.000	81.191	0.000	100.000
0.025	0.000	0.000	1.537	0.000	0.000	94.574	0.000	100.000
0.029	0.000	0.000	1.790	0.000	0.000	110.163	0.000	100.000
0.034	0.000	0.000	2.085	0.000	0.000	128.321	0.000	100.000
0.039	0.000	0.000	2.429	0.000	0.000	149.472	0.000	100.000
0.046	0.000	0.000	2.830	0.000	0.000	174.110	0.000	100.000
0.054	0.000	0.000	3.296	3.143	3.143	202.809	0.000	100.000
0.062	0.000	0.000	3.839	8.578	11.721	236.238	0.000	100.000
0.073	0.000	0.000	4.472	17.138	28.860	275.177	0.000	100.000
0.085	0.000	0.000	5.209	24.336	53.196	320.535	0.000	100.000
0.099	0.000	0.000	6.068	23.426	76.622	373.369	0.000	100.000
0.115	0.000	0.000	7.068	15.588	92.210	434.912	0.000	100.000
0.134	0.000	0.000	8.233	6.180	98.390	506.599	0.000	100.000
0.156	0.000	0.000	9.590	1.610	100.000	590.102	0.000	100.000
0.182	0.000	0.000	11.171	0.000	100.000	687.369	0.000	100.000
0.211	0.000	0.000	13.012	0.000	100.000	800.669	0.000	100.000
0.246	0.000	0.000	15.157	0.000	100.000	932.643	0.000	100.000
0.287	0.000	0.000	17.656	0.000	100.000	1086.372	0.000	100.000
0.334	0.000	0.000	20.566	0.000	100.000	1265.439	0.000	100.000
0.389	0.000	0.000	23.956	0.000	100.000	1474.023	0.000	100.000
0.453	0.000	0.000	27.904	0.000	100.000	1716.987	0.000	100.000
0.528	0.000	0.000	32.504	0.000	100.000	2000.000	0.000	100.000
0.615	0.000	0.000	37.861	0.000	100.000			

10 μ m Nylon *Laser Particle Sizer Testing Report* 2308A

SDI

Measuring range: 0.1-2000 μ m

Printing Time: 9/13/2019 3:03:42 PM

Sample Information

Sample Name: 10um Nylon【Average】

Sample source: SDI

Delivery Date: 8/19/2019

Testing Information

UltraSonic Time: 0s

Disperse medium: Air

Dispersant: 1

Testing enterprise: SDI

Measured by: B

Measuring Time: 8/19/2019 1:54:37 PM

Analyse Result (Analysis mode: Free distribution Statistics-Mode: By Volume distribution)

D10=5.661 μ m

Dav=10.923 μ m

Surface Weighted Mean D[3,2]=8.818 μ m

D50=10.426 μ m

S/V=6804.042 cm^2/cm^3

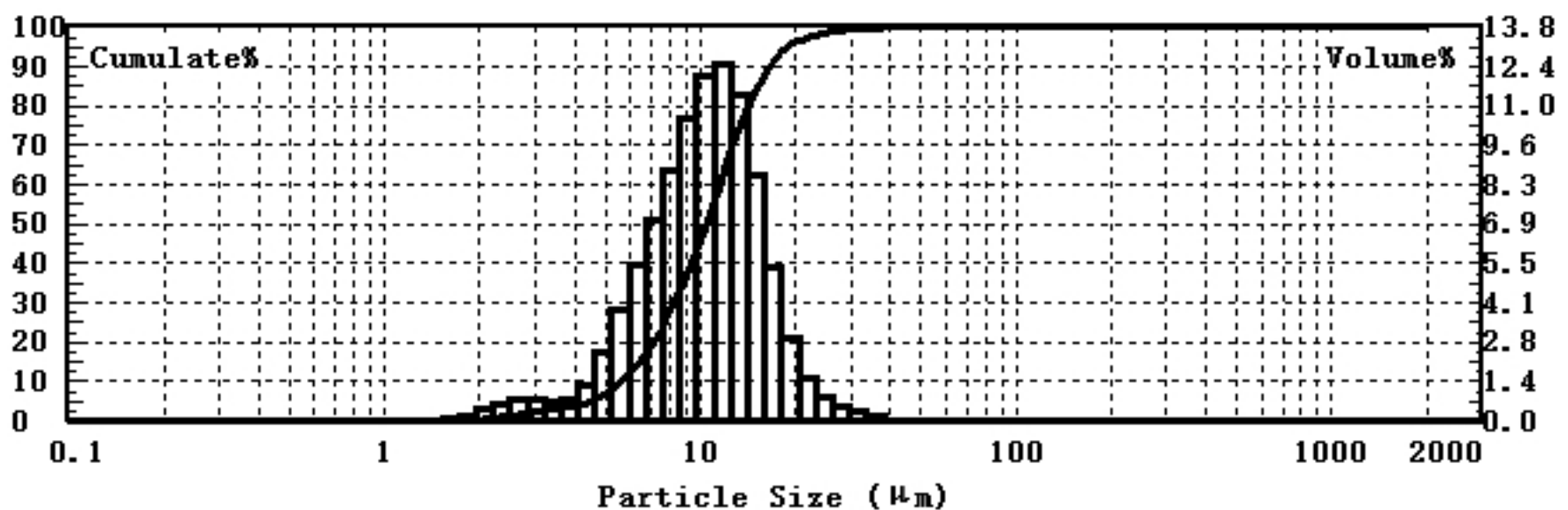
Vol. Weighted Mean D[4,3]=10.923 μ m

D90=16.551 μ m

Fitting deviation: 0.004

Optics Concentration: 19.31

Sample concentration: 0.00%



Size (μ m)	Volume%	Cumulate%	Size (μ m)	Volume%	Cumulate%	Size (μ m)	Volume%	Cumulate%
0.113	0.000	0.000	3.202	0.722	2.711	90.565	0.000	100.000
0.128	0.000	0.000	3.623	0.668	3.379	102.499	0.000	100.000
0.145	0.000	0.000	4.101	0.772	4.151	116.007	0.000	100.000
0.164	0.000	0.000	4.641	1.288	5.439	131.295	0.000	100.000
0.186	0.000	0.000	5.253	2.376	7.815	148.597	0.000	100.000
0.210	0.000	0.000	5.945	3.920	11.735	168.179	0.000	100.000
0.238	0.000	0.000	6.729	5.470	17.206	190.342	0.000	100.000
0.269	0.000	0.000	7.616	7.054	24.259	215.426	0.000	100.000
0.305	0.000	0.000	8.619	8.799	33.059	243.815	0.000	100.000
0.345	0.000	0.000	9.755	10.587	43.646	275.946	0.000	100.000
0.390	0.000	0.000	11.041	12.102	55.747	312.311	0.000	100.000
0.442	0.000	0.000	12.495	12.511	68.258	353.468	0.000	100.000
0.500	0.000	0.000	14.142	11.384	79.643	400.048	0.000	100.000
0.566	0.000	0.000	16.006	8.628	88.271	452.768	0.000	100.000
0.640	0.000	0.000	18.115	5.402	93.673	512.435	0.000	100.000
0.725	0.000	0.000	20.502	2.911	96.584	579.964	0.000	100.000
0.820	0.000	0.000	23.204	1.533	98.117	656.393	0.000	100.000
0.928	0.000	0.000	26.262	0.878	98.995	742.894	0.000	100.000
1.051	0.000	0.000	29.723	0.522	99.517	840.795	0.000	100.000
1.189	0.000	0.000	33.640	0.303	99.820	951.596	0.000	100.000
1.346	0.000	0.000	38.073	0.180	100.000	1077.000	0.000	100.000
1.523	0.000	0.000	43.090	0.000	100.000	1218.929	0.000	100.000
1.724	0.056	0.056	48.769	0.000	100.000	1379.562	0.000	100.000
1.951	0.187	0.244	55.196	0.000	100.000	1561.364	0.000	100.000
2.208	0.401	0.644	62.470	0.000	100.000	1767.124	0.000	100.000
2.499	0.618	1.263	70.702	0.000	100.000	2000.000	0.000	100.000
2.829	0.726	1.989	80.019	0.000	100.000			