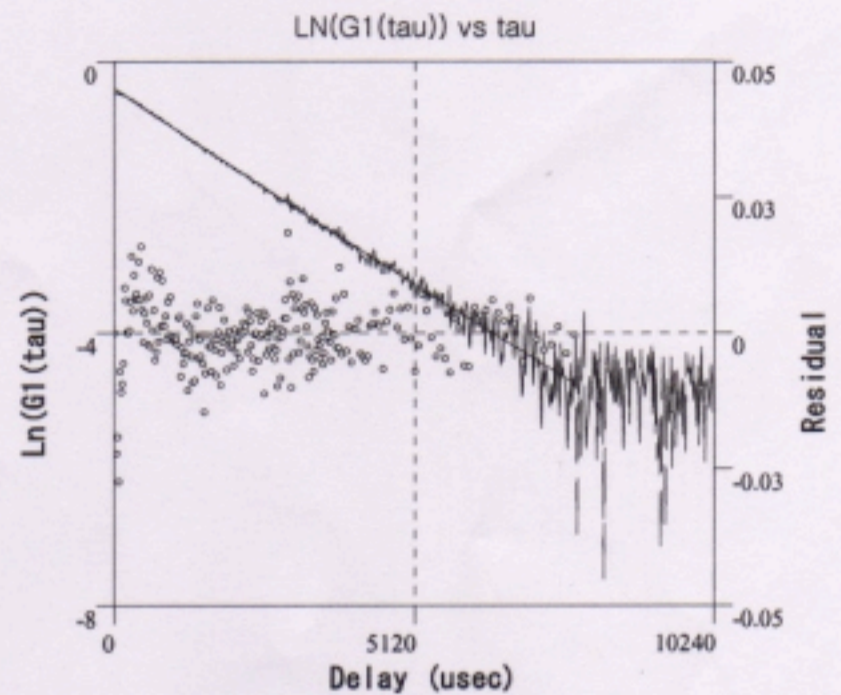
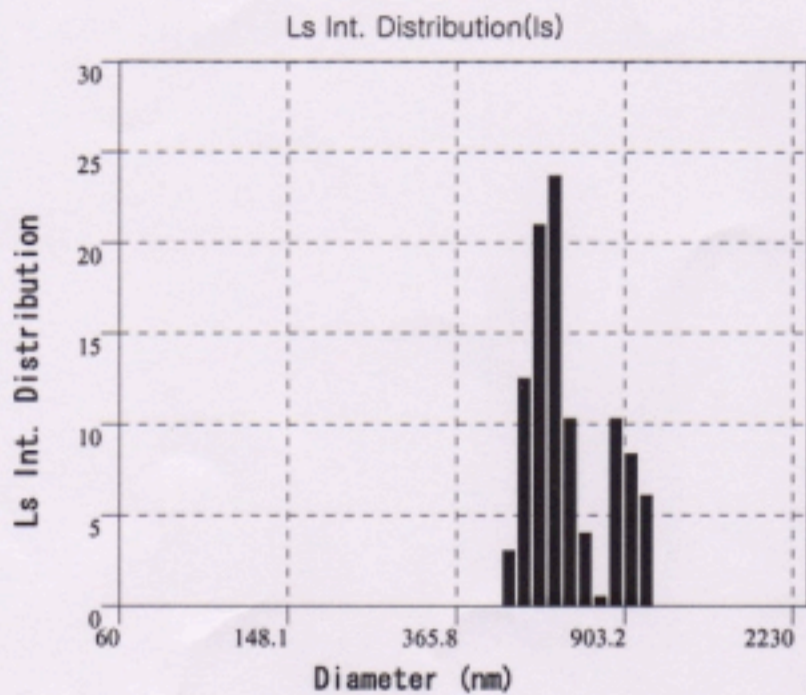


<< Analysis Result of Size Distribution >>

Ls Int. Distribution

CERAMIC

User : CERAMIC Grouping : 050728MW
 Date : 2005/07/28 Data Name : basic-CaCO3 A 3
 Time : 14:19:23 Comment : pH11.5



//Histogram Result(NNLS)//

Ls Int.(ls)		
Peak	Avg.(nm)	+--Std.
1	577.9	+-- 57.0
2	889.8	+-- 61.1
3		
4		
5		
Average	656.9	+-- 147.6
Residual	: 6.171e-003 (Good)	

// Analysis Result of Cumulant //

Diameter (d) : 637.6 (nm)
 Polydispersity (p.d.) : 1.361e-002
 Diffusion Const. (D) : 8.2026e-009 (cm2/sec)

// Measurement Condition //

Temperature : 27.2 (deg.)
 Solvent Name : Water
 Refractive Index : 1.3311
 Viscosity : 0.8411 (cp)
 Scattering Intensity : 8046 (cps)

Ls Int.(ls)			Distribution Table					
d(nm)	f(ls)%	f(ls)cu%	d(nm)	f(ls)%	f(ls)cu%	d(nm)	f(ls)%	f(ls)cu%
60.0	0.0	0.0	205.8	0.0	0.0	705.8	4.0	74.7
65.1	0.0	0.0	223.4	0.0	0.0	766.3	0.6	75.2
70.7	0.0	0.0	242.6	0.0	0.0	831.9	10.3	85.5
76.8	0.0	0.0	263.3	0.0	0.0	903.2	8.4	93.9
83.3	0.0	0.0	285.9	0.0	0.0	980.5	6.1	100.0
90.5	0.0	0.0	310.4	0.0	0.0	1064.5	0.0	100.0
98.2	0.0	0.0	336.9	0.0	0.0	1155.6	0.0	100.0
106.6	0.0	0.0	365.8	0.0	0.0	1254.6	0.0	100.0
115.8	0.0	0.0	397.1	0.0	0.0	1362.0	0.0	100.0
125.7	0.0	0.0	431.1	0.0	0.0	1478.7	0.0	100.0
136.5	0.0	0.0	468.0	3.1	3.1	1605.3	0.0	100.0
148.1	0.0	0.0	508.1	12.5	15.6	1742.8	0.0	100.0
160.8	0.0	0.0	551.6	21.0	36.6	1892.1	0.0	100.0
174.6	0.0	0.0	598.9	23.7	60.3	2054.1	0.0	100.0
189.6	0.0	0.0	650.2	10.3	70.6	2230.0	0.0	100.0
Cumu.(10%)	: 489.8 (nm)		Cumu.(50%)	: 577.9 (nm)		Cumu.(90%)	: 869.2 (nm)	

기존 측정 장비로는 30 ~ 900나노 분포 중 100나노 이하 입자를 측정하지 못하므로 SEM사진을 참조하시기 바랍니다.