

Result: Analysis Report

Sample Details

Sample ID: tp1broye 2h
 Sample File: TP1_2009
 Sample Path: C:\SIZERS\DATA\TP\TP_1_2~1\
 Sample Notes: Al2O3 broyé 2h UH10

Run Number: 1
 Record Number: 3

Measured: Thu Sep 17 2009 4:55PM
 Analysed: Thu Sep 17 2009 4:55PM
 Result Source: Analysed

System Details

Range Lens: 300RF mm
 Presentation: 3_RHD
 Analysis Model: Polydisperse
 Modifications: None

Beam Length: 2.40 mm
 [Particle R.I. = (1.7700, 0.1000); Dispersant R.I. = 1.3300]

Sampler: MS1
 Obscuration: 12.6 %
 Residual: 0.352 %

Result Statistics

Distribution Type: Volume
 Mean Diameters:
 D [4, 3] = 4.33 µm

Concentration = 0.0030 %Vol
 D (v, 0.1) = 0.32 µm
 D [3, 2] = 0.95 µm

Density = 3.987 g / cub. cm
 D (v, 0.5) = 3.35 µm
 Span = 2.555E+00

Specific S.A. = 1.5778 sq. m / g
 D (v, 0.9) = 8.88 µm
 Uniformity = 8.685E-01

Size Low (µm)	In %	Size High (µm)	Under%	Size Low (µm)	In %	Size High (µm)	Under%
0.05	0.07	0.06	0.07	6.63	5.68	7.72	85.76
0.06	0.15	0.07	0.22	7.72	4.60	9.00	90.36
0.07	0.25	0.08	0.47	9.00	3.43	10.48	93.79
0.08	0.36	0.09	0.82	10.48	2.35	12.21	96.14
0.09	0.48	0.11	1.31	12.21	1.46	14.22	97.60
0.11	0.62	0.13	1.93	14.22	0.82	16.57	98.41
0.13	0.78	0.15	2.71	16.57	0.42	19.31	98.83
0.15	0.97	0.17	3.68	19.31	0.22	22.49	99.06
0.17	1.18	0.20	4.86	22.49	0.15	26.20	99.21
0.20	1.41	0.23	6.27	26.20	0.15	30.53	99.36
0.23	1.62	0.27	7.89	30.53	0.17	35.56	99.53
0.27	1.73	0.31	9.62	35.56	0.17	41.43	99.70
0.31	1.70	0.36	11.32	41.43	0.15	48.27	99.85
0.36	1.62	0.42	12.94	48.27	0.10	56.23	99.95
0.42	1.58	0.49	14.52	56.23	0.05	65.51	100.00
0.49	1.52	0.58	16.04	65.51	0.00	76.32	100.00
0.58	1.44	0.67	17.47	76.32	0.00	88.91	100.00
0.67	1.43	0.78	18.90	88.91	0.00	103.58	100.00
0.78	1.56	0.91	20.47	103.58	0.00	120.67	100.00
0.91	1.74	1.06	22.20	120.67	0.00	140.58	100.00
1.06	2.01	1.24	24.21	140.58	0.00	163.77	100.00
1.24	2.38	1.44	26.59	163.77	0.00	190.80	100.00
1.44	2.84	1.68	29.42	190.80	0.00	222.28	100.00
1.68	3.39	1.95	32.81	222.28	0.00	258.95	100.00
1.95	4.03	2.28	36.84	258.95	0.00	301.68	100.00
2.28	4.70	2.65	41.54	301.68	0.00	351.46	100.00
2.65	5.37	3.09	46.90	351.46	0.00	409.45	100.00
3.09	5.99	3.60	52.89	409.45	0.00	477.01	100.00
3.60	6.56	4.19	59.45	477.01	0.00	555.71	100.00
4.19	7.08	4.88	66.53	555.71	0.00	647.41	100.00
4.88	7.02	5.69	73.55	647.41	0.00	754.23	100.00
5.69	6.53	6.63	80.08	754.23	0.00	878.67	100.00

