

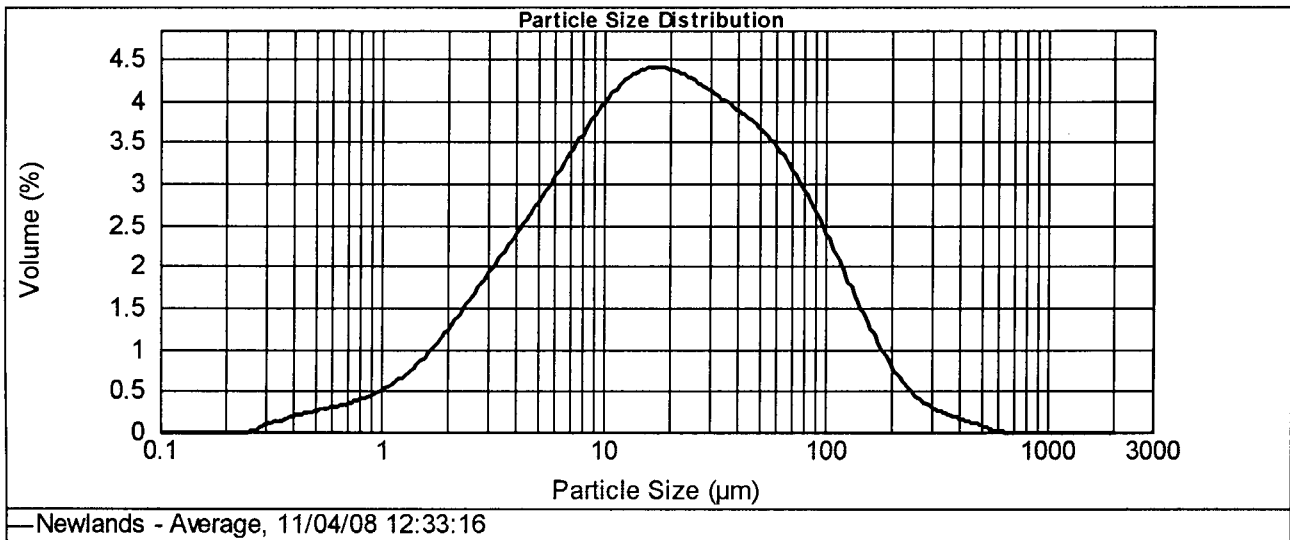


## Result Analysis Report

**Sample Name:** Newlands - Average      **SOP Name:** Ash      **Measured:** 11/04/08 12:33:16  
**Sample Source & type:** Factory = Hadera      **Measured by:** USER      **Analysed:** 11/04/08 12:33:17  
**Sample bulk lot ref:** 5/6/08      **Result Source:** Averaged

**Particle Name:** Aluminium silicate      **Accessory Name:** Scirocco 2000 (A)      **Obscuration:** 8.24 %  
**Particle RI:** 1.650      **Absorption:** 0.1      **Analysis model:** General purpose  
**Dispersant Name:**      **Size range:** 0.020 to 2000.000 um      **Weighted Residual:** 0.213 %  
**Dispersant RI:** 1.000      **Result Emulation:** Off

**Concentration:** 0.0016 %Vol      **Vol. Weighted Mean D[4,3]:** 37.845 um      **Specific Surface Area:** 0.874 m<sup>2</sup>/g  
**Span :** 4.981      **Uniformity:** 1.62      **Surface Weighted Mean D[3,2]:** 6.866 um  
**Result units:** Volume  
**d(0.1):** 3.001 um      **d(0.5):** 18.464 um      **d(0.9):** 94.976 um



Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %
0.020	0.00	0.142	0.00	1.002	0.40	7.096	2.61	50.238	2.71	355.656	0.15
0.022	0.00	0.159	0.00	1.125	0.47	7.982	2.77	56.368	2.60	399.052	0.11
0.025	0.00	0.178	0.00	1.262	0.55	8.934	2.91	63.246	2.47	447.744	0.08
0.028	0.00	0.200	0.00	1.416	0.64	10.024	3.04	70.963	2.31	502.377	0.05
0.032	0.00	0.224	0.00	1.589	0.75	11.247	3.15	79.621	2.13	563.677	0.01
0.036	0.00	0.252	0.00	1.783	0.86	12.619	3.23	89.337	1.93	632.456	0.00
0.040	0.00	0.283	0.00	2.000	0.99	14.159	3.28	100.237	1.72	709.627	0.00
0.045	0.00	0.317	0.07	2.244	1.13	15.887	3.26	112.468	1.50	796.214	0.00
0.050	0.00	0.356	0.09	2.518	1.27	17.825	3.30	126.191	1.28	893.367	0.00
0.056	0.00	0.399	0.12	2.825	1.42	20.000	3.27	141.589	1.06	1002.374	0.00
0.063	0.00	0.448	0.15	3.170	1.56	22.440	3.22	158.866	0.88	1124.683	0.00
0.071	0.00	0.502	0.18	3.557	1.70	25.179	3.16	178.250	0.68	1261.915	0.00
0.080	0.00	0.564	0.20	3.991	1.85	28.251	3.10	200.000	0.52	1415.892	0.00
0.089	0.00	0.632	0.22	4.477	1.99	31.698	3.03	224.404	0.40	1588.656	0.00
0.100	0.00	0.710	0.25	5.024	2.14	35.566	2.96	251.785	0.30	1782.502	0.00
0.112	0.00	0.796	0.27	5.637	2.30	39.905	2.89	282.508	0.23	2000.000	0.00
0.126	0.00	0.893	0.31	6.325	2.45	44.774	2.81	316.979	0.18		
0.142	0.00	1.002	0.35	7.096	2.61	50.238	2.81	355.656	0.18		

Operator notes: