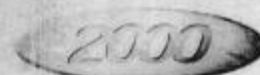


NEWLANDS - OROT RABIN  
4/5/11

# MASTERSIZER

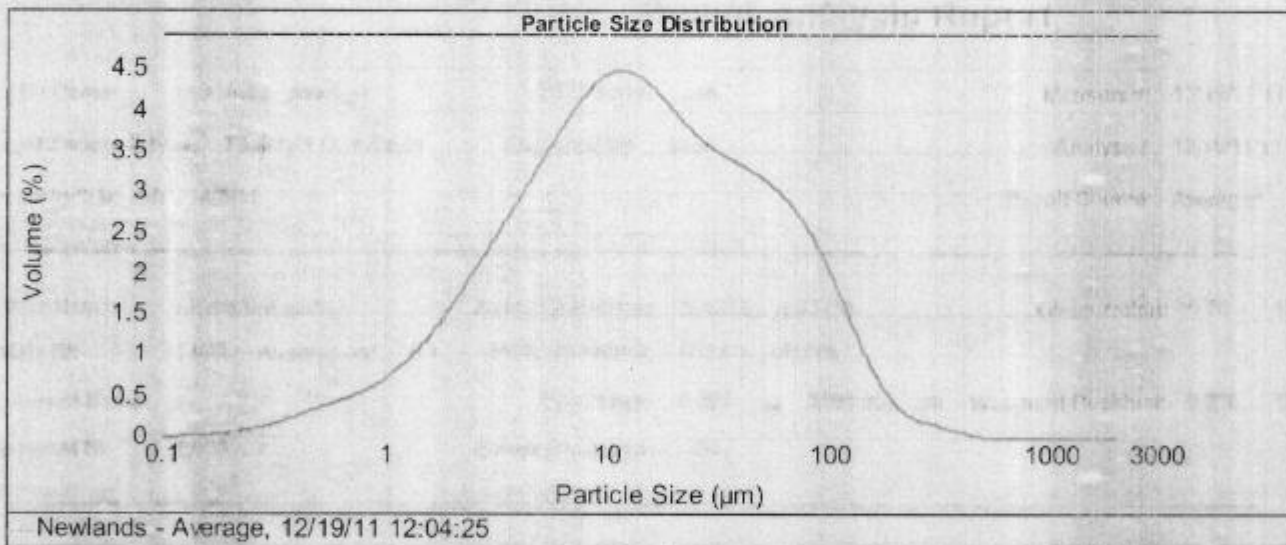


## Result Analysis Report

Sample Name: Newlands - Average      SOP Name: ash      Measured: 12/19/11 12:04:25  
 Sample Source & type: Factory = Orot Rabin      Measured by: user      Analysed: 12/19/11 12:04:26  
 Sample bulk lot ref: 4/5/11      Result Source: Averaged

Particle Name: Aluminium silicate      Accessory Name: Scirocco 2000 (A)      Obscuration: 9.76 %  
 Particle RI: 1.650      Absorption: 0.1      Analysis model: General purpose  
 Dispersant Name:      Size range: 0.020 to 2000.000 um      Weighted Residual: 0.236 %  
 Dispersant RI: 1.000      Result Emulation: Off

Concentration: 0.0015 %Vol      Vol. Weighted Mean D[4,3]: 29.319 um      Specific Surface Area: 1.17 m<sup>2</sup>/g  
 Span: 5.485      Uniformity: 1.71      Surface Weighted Mean D[3,2]: 5.137 um  
 Result units: Volume  
 d(0.1): 2.334 um      d(0.5): 13.651 um      d(0.9): 77.212 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	0.01	1.002	0.56	7.096	3.08	50.238	2.35	395.056	0.06
0.022	0.00	0.159	0.02	1.125	0.64	7.962	3.21	56.368	2.26	399.052	0.05
0.025	0.00	0.178	0.03	1.262	0.74	8.934	3.30	63.246	2.14	447.744	0.00
0.028	0.00	0.200	0.04	1.416	0.85	10.024	3.36	70.963	2.01	532.577	0.00
0.032	0.00	0.224	0.06	1.589	0.98	11.247	3.36	79.621	1.84	634.777	0.00
0.036	0.00	0.252	0.08	1.783	1.12	12.619	3.37	89.337	1.64	759.627	0.00
0.040	0.00	0.283	0.10	2.000	1.27	14.159	3.27	100.237	1.42	903.214	0.00
0.045	0.00	0.317	0.13	2.244	1.43	15.887	3.10	112.468	1.18	1070.267	0.00
0.050	0.00	0.356	0.17	2.518	1.60	17.825	3.06	128.191	0.94	1268.683	0.00
0.056	0.00	0.399	0.21	2.825	1.77	20.000	2.95	141.589	0.71	1493.374	0.00
0.063	0.00	0.448	0.24	3.170	1.93	22.440	2.84	158.966	0.52	1751.915	0.00
0.071	0.00	0.502	0.28	3.557	2.10	25.179	2.74	178.250	0.36	2051.692	0.00
0.080	0.00	0.564	0.31	3.991	2.27	28.251	2.66	200.000	0.25	2393.656	0.00
0.089	0.00	0.632	0.35	4.477	2.44	31.688	2.59	224.404	0.18	2772.602	0.00
0.100	0.00	0.710	0.39	5.024	2.61	35.566	2.53	251.785	0.14	3193.000	0.00
0.112	0.00	0.796	0.44	5.637	2.78	39.905	2.48	282.508	0.12		
0.126	0.00	0.893	0.49	6.325	2.94	44.774	2.42	316.979	0.07		
0.142	0.00	1.002		7.000		50.238		355.656			

Operator notes: