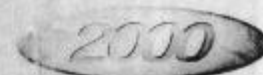


RUSSIAN - HADERA  
13/12/11

MASTERSIZER

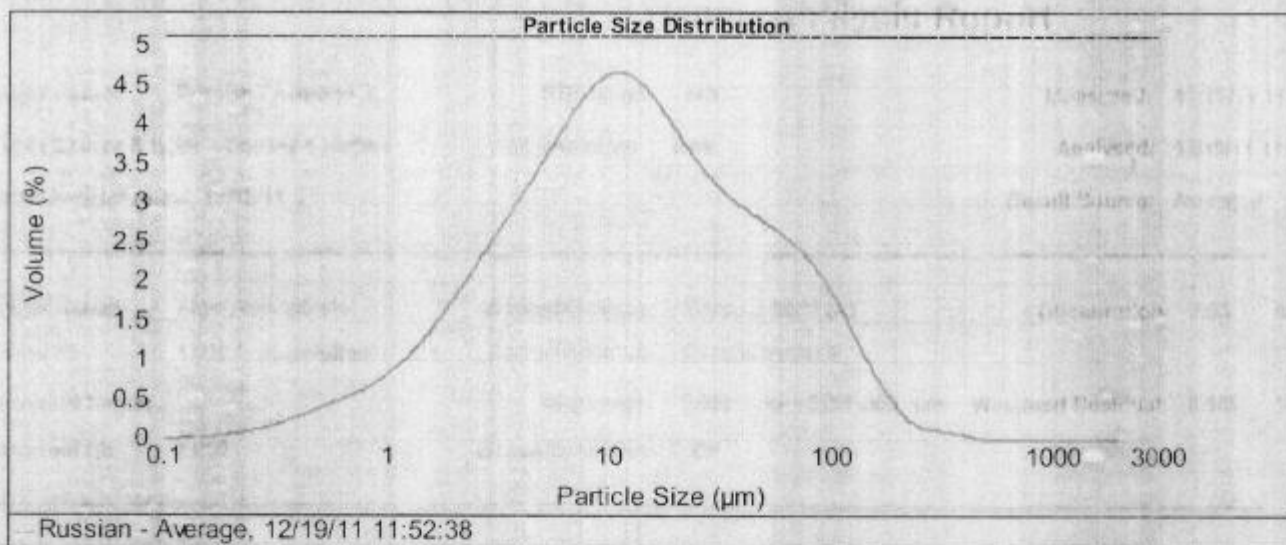


Result Analysis Report

Sample Name: Russian - Average      SOP Name: ash      Measured: 12/19/11 11:52:38  
 Sample Source & type: Factory = Hadera      Measured by: user      Analysed: 12/19/11 11:52:39  
 Sample bulk lot ref: 13/12/11      Result Source: Averaged

Particle Name: Aluminium silicate      Accessory Name: Scirocco 2000 (A)      Obscuration: 7.96 %  
 Particle RI: 1.650      Absorption: 0.1      Analysis model: General purpose  
 Dispersant Name:      Size range: 0.020 to 2000.000 um      Weighted Residual: 0.189 %  
 Dispersant RI: 1.000      Result Emulation: Off

Concentration: 0.0011 %Vol      Vol. Weighted Mean D[4,3]: 27.444 um      Specific Surface Area: 1.26 m<sup>2</sup>/g  
 Span: 5.877      Uniformity: 1.8      Surface Weighted Mean D[3,2]: 4.743 um  
 Result units: Volume  
 d(0.1): 2.122 um      d(0.5): 12.262 um      d(0.9): 74.190 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	0.65	7.000	3.23	50.238	2.04	315.656	0.05
0.022	0.00	0.159	0.02	1.125	0.74	7.962	3.37	56.368	1.98	309.662	0.02
0.025	0.00	0.178	0.03	1.262	0.84	8.934	3.46	63.246	1.88	447.744	0.00
0.028	0.00	0.200	0.05	1.416	0.96	10.024	3.50	70.963	1.78	502.377	0.00
0.032	0.00	0.224	0.06	1.589	1.10	11.247	3.50	79.621	1.66	533.677	0.00
0.036	0.00	0.252	0.09	1.783	1.25	12.619	3.44	89.337	1.51	632.466	0.00
0.040	0.00	0.283	0.11	2.000	1.40	14.159	3.34	100.237	1.33	730.677	0.00
0.045	0.00	0.317	0.14	2.244	1.56	15.887	3.20	112.468	1.13	795.214	0.00
0.050	0.00	0.356	0.18	2.518	1.72	17.825	3.04	126.191	0.93	893.367	0.00
0.056	0.00	0.399	0.23	2.825	1.89	20.000	2.88	141.589	0.72	1002.374	0.00
0.063	0.00	0.448	0.27	3.170	2.05	22.440	2.72	158.866	0.54	1124.683	0.00
0.071	0.00	0.502	0.31	3.557	2.22	25.179	2.58	178.250	0.38	1251.915	0.00
0.080	0.00	0.564	0.35	3.991	2.39	28.251	2.45	200.000	0.24	1415.862	0.00
0.089	0.00	0.632	0.40	4.477	2.56	31.698	2.35	224.404	0.15	1588.666	0.00
0.100	0.00	0.710	0.44	5.024	2.73	35.566	2.25	251.795	0.11	1732.902	0.00
0.112	0.00	0.796	0.50	5.637	2.91	39.905	2.18	282.508	0.08	2000.000	0.00
0.126	0.00	0.893	0.57	6.325	3.08	44.774	2.11	316.979	0.07		
0.142	0.00	1.002		7.096		50.238		356.656			

Operator notes: