



EK-1

MASTERSIZER



Result Analysis Report

Sample Name:
18-H-2865 (TURCO 00 KOD 0
DIATOMIT)
Sample Source & type:

SOP Name:

Measured:
24 Mayıs 2018 Perşembe 13:53:02

Measured by:
mla

Analysed:
24 Mayıs 2018 Perşembe 13:53:03

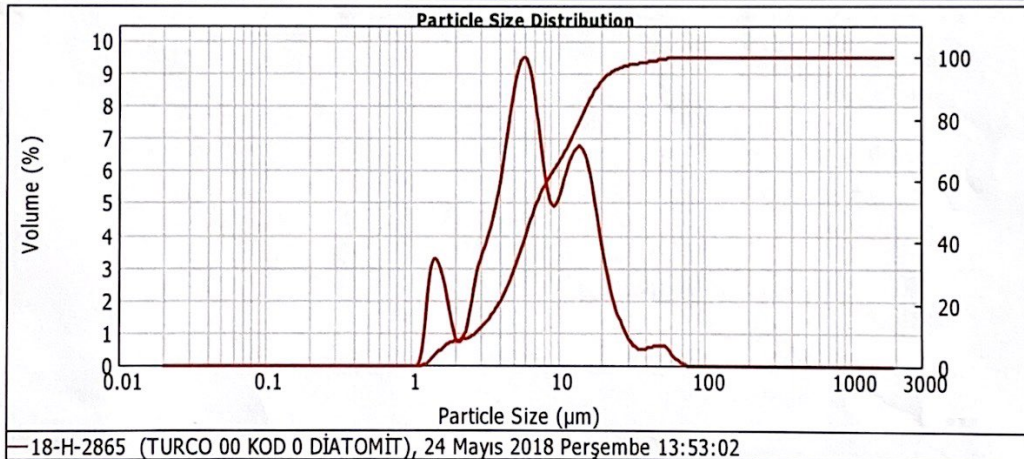
Sample bulk lot ref:

Result Source:
Measurement

Particle Name: diatomit 1	Accessory Name: Hydro 2000MU (A)	Analysis model: Single narrow mode	Sensitivity: Enhanced
Particle RI: 1.430	Absorption: 0	Size range: 0.020 to 2000.000 um	Obscuration: 7.13 %
Dispersant Name: Water	Dispersant RI: 1.330	Weighted Residual: 1.263 %	Result Emulation: Off

Concentration: 0.0051 %Vol	Span : 2.354	Uniformity: 0.795	Result units: Volume
Specific Surface Area: 1.14 m ² /g	Surface Weighted Mean D[3,2]: 5.276 um	Vol. Weighted Mean D[4,3]: 9.715 um	

d(0.1): 2.651 um d(0.5): 6.875 um d(0.9): 18.832 um



Size (µm)	Vol Under %	Size (µm)	Vol Under %	Size (µm)	Vol Under %	Size (µm)	Vol Under %	Size (µm)	Vol Under %	Size (µm)	Vol Under %
0.010	0.00	0.105	0.00	1.096	0.00	11.482	69.82	120.226	100.00	1258.925	100.00
0.011	0.00	0.120	0.00	1.259	0.33	13.183	75.52	138.038	100.00	1445.440	100.00
0.013	0.00	0.138	0.00	1.445	2.97	15.136	81.62	158.489	100.00	1659.587	100.00
0.015	0.00	0.158	0.00	1.660	5.76	17.378	87.29	181.970	100.00	1905.461	100.00
0.017	0.00	0.182	0.00	1.905	7.54	19.953	91.60	208.930	100.00	2187.762	100.00
0.020	0.00	0.209	0.00	2.188	8.23	22.909	94.47	239.883	100.00	2511.886	100.00
0.023	0.00	0.240	0.00	2.512	9.24	26.303	96.24	275.423	100.00	2884.032	100.00
0.026	0.00	0.275	0.00	2.884	11.59	30.200	97.25	316.228	100.00	3311.311	100.00
0.030	0.00	0.316	0.00	3.311	14.83	34.674	97.83	363.078	100.00	3801.894	100.00
0.035	0.00	0.363	0.00	3.802	18.83	39.811	98.28	416.869	100.00	4365.158	100.00
0.040	0.00	0.417	0.00	4.365	24.08	45.709	98.77	478.630	100.00	5011.872	100.00
0.046	0.00	0.479	0.00	5.012	30.94	52.481	99.32	549.541	100.00	5754.399	100.00
0.052	0.00	0.550	0.00	5.754	39.16	60.256	99.79	630.957	100.00	6606.934	100.00
0.060	0.00	0.631	0.00	6.607	47.69	69.183	99.98	724.436	100.00	7585.776	100.00
0.069	0.00	0.724	0.00	7.586	55.07	79.433	100.00	831.764	100.00	8709.636	100.00
0.079	0.00	0.832	0.00	8.710	60.49	91.201	100.00	954.993	100.00	10000.000	100.00
0.091	0.00	0.955	0.00	10.000	64.90	104.713	100.00	1096.478	100.00		

Operator notes:

AK