

EK-4

MASTERSIZER



Result Analysis Report

40

Sample Name:
18-H-2868 (TURCO 01 KOD 40
DIATOMIT)

SOP Name:

Measured:
24 Mayıs 2018 Perşembe 14:25:02

Sample Source & type:

Measured by:
mta

Analysed:
24 Mayıs 2018 Perşembe 14:25:03

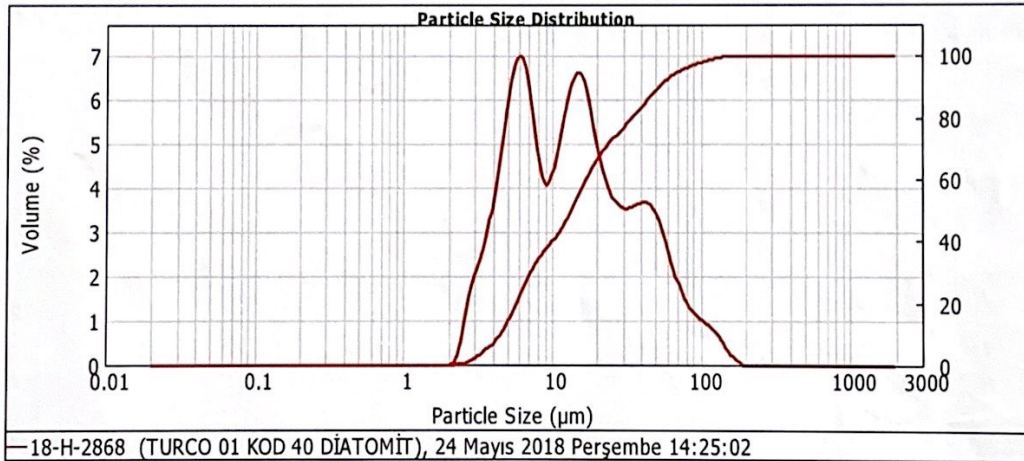
Sample bulk lot ref:

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: 9.17 %
Dispersant Name: Water	Dispersant RI: 1.330	Weighted Residual: 1.178 %	Result Emulation: Off

Concentration: 0.0105 %Vol	Span : 3.610	Uniformity: 1.13	Result units: Volume
Specific Surface Area: 0.62 m ² /g	Surface Weighted Mean D[3,2]: 9.681 um	Vol. Weighted Mean D[4,3]: 22.307 um	

d(0.1): 4.476 um d(0.5): 13.443 um d(0.9): 53.012 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	43.96	120.226	98.88	1258.925	100.00
0.011	0.00	0.120	0.00	1.259	0.00	13.183	49.19	138.038	99.52	1445.440	100.00
0.013	0.00	0.138	0.00	1.445	0.00	15.136	55.08	158.489	99.87	1659.587	100.00
0.015	0.00	0.158	0.00	1.660	0.00	17.378	60.94	181.970	100.00	1905.461	100.00
0.017	0.00	0.182	0.00	1.905	0.00	19.953	65.96	208.930	100.00	2187.762	100.00
0.020	0.00	0.209	0.00	2.188	0.00	22.909	70.09	239.883	100.00	2511.886	100.00
0.023	0.00	0.240	0.00	2.512	0.26	26.303	73.63	275.423	100.00	2884.032	100.00
0.026	0.00	0.275	0.00	2.884	1.46	30.200	76.86	316.228	100.00	3311.311	100.00
0.030	0.00	0.316	0.00	3.311	3.35	34.674	80.06	363.078	100.00	3801.894	100.00
0.035	0.00	0.363	0.00	3.802	5.82	39.811	83.33	416.869	100.00	4365.158	100.00
0.040	0.00	0.417	0.00	4.365	9.25	45.709	86.64	478.630	100.00	5011.872	100.00
0.046	0.00	0.479	0.00	5.012	13.94	52.481	89.78	549.541	100.00	5754.399	100.00
0.052	0.00	0.550	0.00	5.754	19.81	60.256	92.47	630.957	100.00	6606.934	100.00
0.060	0.00	0.631	0.00	6.607	26.13	69.183	94.51	724.436	100.00	7585.776	100.00
0.069	0.00	0.724	0.00	7.586	31.74	79.433	95.98	831.764	100.00	8709.636	100.00
0.079	0.00	0.832	0.00	8.710	36.00	91.201	97.12	954.993	100.00	10000.000	100.00
0.091	0.00	0.955	0.00	10.000	39.66	104.713	98.07	1096.478	100.00		

Operator notes: