



EK-3

MASTERSIZER



Result Analysis Report

01

Sample Name:
18-H-2867 (TURCO 01 KOD 20 DIATOMIT)
Sample Source & type:

SOP Name:

Measured:
24 Mayıs 2018 Perşembe 14:21:39

Measured by:
mta

Analysed:
24 Mayıs 2018 Perşembe 14:21:41

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 μm

Obscuration:
7.34 %

Dispersant Name:
Water

Dispersant RI:
1.330

Weighted Residual:
0.721 %

Result Emulation:
Off

Concentration:
0.0081 %Vol

Span :
3.161

Uniformity:
0.985

Result units:
Volume

Specific Surface Area:
0.639 m^2/g

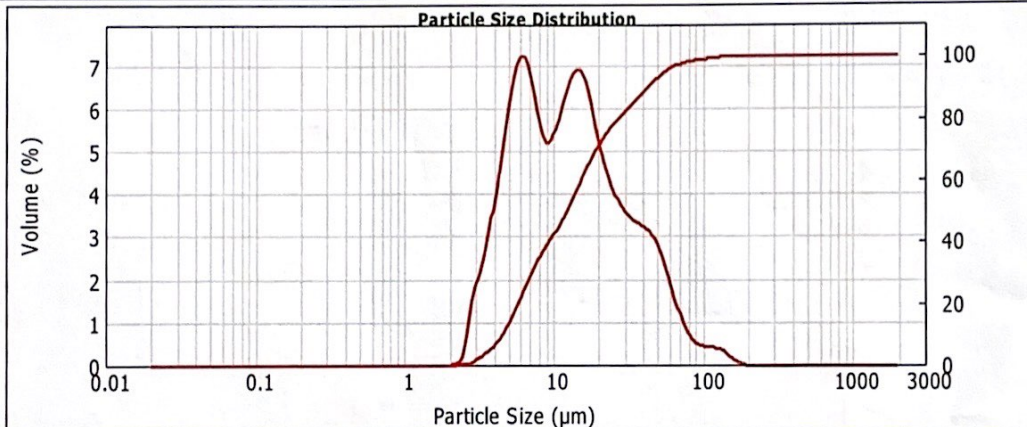
Surface Weighted Mean D[3,2]:
9.390 μm

Vol. Weighted Mean D[4,3]:
18.956 μm

d(0.1): 4.527 μm

d(0.5): 12.271 μm

d(0.9): 43.313 μm



— 18-H-2867 (TURCO 01 KOD 20 DIATOMIT), 24 Mayıs 2018 Perşembe 14:21:39

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	47.27	120.226	99.37	1258.925	100.00
0.011	0.00	0.120	0.00	1.259	0.00	13.183	53.09	138.038	99.71	1445.440	100.00
0.013	0.00	0.138	0.00	1.445	0.00	15.136	59.30	158.489	99.92	1659.587	100.00
0.015	0.00	0.158	0.00	1.660	0.00	17.378	65.35	181.970	100.00	1905.461	100.00
0.017	0.00	0.182	0.00	1.905	0.00	19.953	70.60	208.930	100.00	2187.762	100.00
0.020	0.00	0.209	0.00	2.188	0.00	22.909	75.00	239.883	100.00	2511.886	100.00
0.023	0.00	0.240	0.00	2.512	0.09	26.303	78.79	275.423	100.00	2884.032	100.00
0.026	0.00	0.275	0.00	2.884	0.98	30.200	82.15	316.228	100.00	3311.311	100.00
0.030	0.00	0.316	0.00	3.311	2.75	34.674	85.27	363.078	100.00	3801.894	100.00
0.035	0.00	0.363	0.00	3.802	5.25	39.811	88.24	416.869	100.00	4365.158	100.00
0.040	0.00	0.417	0.00	4.365	8.84	45.709	91.09	478.630	100.00	5011.872	100.00
0.046	0.00	0.479	0.00	5.012	13.72	52.481	93.68	549.541	100.00	5754.399	100.00
0.052	0.00	0.550	0.00	5.754	19.73	60.256	95.78	630.957	100.00	6606.934	100.00
0.060	0.00	0.631	0.00	6.607	26.25	69.183	97.21	724.436	100.00	7585.776	100.00
0.069	0.00	0.724	0.00	7.586	32.33	79.433	98.06	831.764	100.00	8709.636	100.00
0.079	0.00	0.832	0.00	8.710	37.43	91.201	98.59	954.993	100.00	10000.000	100.00
0.091	0.00	0.955	0.00	10.000	42.11	104.713	99.00	1096.478	100.00		

Operator notes: