

2K-1

## Result Analysis Report

Sample Name: 12 H-430 Örnek 1

SOP Name: diatomit

Measured: 02/03/12 14:22:06

Sample Source & type: KSIU = K.Maras - Türkiye

Measured by:

Analysed: 02/03/12 14:22:07

Sample bulk lot ref: 0

Result Source: Measurement

Particle Name: Silica 0.1

Accessory Name: Scirocco 2000 (A)

Obscuration: 2.11 %

Particle RI: 1.544 Absorption: 0.1

Analysis model: General purpose

Dispersant Name:

Size range: 0.020 to 2000.0... um

Weighted Residual: 0.411 %

Dispersant RI: 1.000

Result Emulation: Off

Concentration: 0.0002 %Vol

Vol. Weighted Mean D[4,3]: 6.328 um

Specific Surface Area: 1.9 m<sup>2</sup>/g

Span: 1.912

Uniformity: 0.587

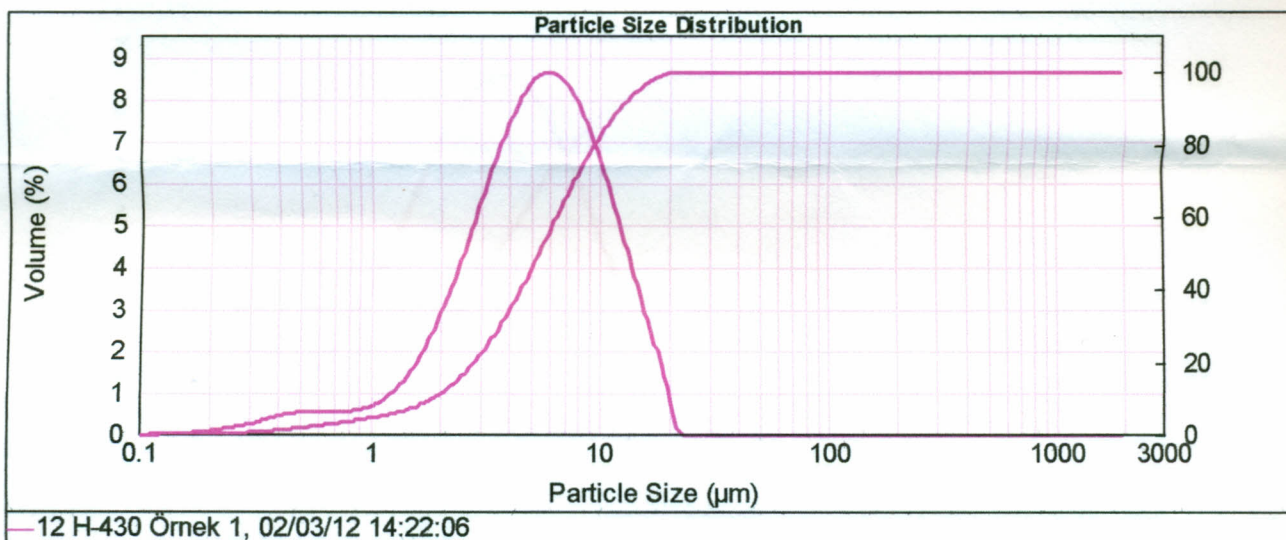
Surface Weighted Mean D[3,2]: 3.159 um

Result units: Volume

d(0.1): 1.882 um

d(0.5): 5.419 um

d(0.9): 12.241 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 % |
|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| 0.020     | 0.00        | 0.142     | 0.01        | 1.002     | 4.53        | 7.096     | 65.15       | 50.238    | 100.00      | 355.656   | 100.00      |
| 0.022     | 0.00        | 0.159     | 0.03        | 1.125     | 5.08        | 7.962     | 71.34       | 56.368    | 100.00      | 399.052   | 100.00      |
| 0.025     | 0.00        | 0.178     | 0.06        | 1.262     | 5.75        | 8.934     | 77.13       | 63.246    | 100.00      | 447.744   | 100.00      |
| 0.028     | 0.00        | 0.200     | 0.12        | 1.416     | 6.61        | 10.024    | 82.40       | 70.963    | 100.00      | 502.377   | 100.00      |
| 0.032     | 0.00        | 0.224     | 0.20        | 1.589     | 7.72        | 11.247    | 87.03       | 79.621    | 100.00      | 563.677   | 100.00      |
| 0.036     | 0.00        | 0.252     | 0.32        | 1.783     | 9.18        | 12.619    | 90.97       | 89.337    | 100.00      | 632.456   | 100.00      |
| 0.040     | 0.00        | 0.283     | 0.47        | 2.000     | 11.04       | 14.159    | 94.20       | 100.237   | 100.00      | 709.627   | 100.00      |
| 0.045     | 0.00        | 0.317     | 0.66        | 2.244     | 13.39       | 15.887    | 96.72       | 112.468   | 100.00      | 796.214   | 100.00      |
| 0.050     | 0.00        | 0.356     | 0.91        | 2.518     | 16.28       | 17.825    | 98.54       | 126.191   | 100.00      | 893.367   | 100.00      |
| 0.056     | 0.00        | 0.399     | 1.21        | 2.825     | 19.77       | 20.000    | 99.74       | 141.589   | 100.00      | 1002.374  | 100.00      |
| 0.063     | 0.00        | 0.448     | 1.57        | 3.170     | 23.87       | 22.440    | 100.00      | 158.866   | 100.00      | 1124.683  | 100.00      |
| 0.071     | 0.00        | 0.502     | 1.96        | 3.567     | 28.58       | 25.179    | 100.00      | 178.250   | 100.00      | 1261.915  | 100.00      |
| 0.080     | 0.00        | 0.564     | 2.37        | 3.991     | 33.86       | 28.251    | 100.00      | 200.000   | 100.00      | 1415.892  | 100.00      |
| 0.089     | 0.00        | 0.632     | 2.79        | 4.477     | 39.64       | 31.698    | 100.00      | 224.404   | 100.00      | 1588.656  | 100.00      |
| 0.100     | 0.00        | 0.710     | 3.21        | 5.024     | 45.80       | 35.566    | 100.00      | 251.785   | 100.00      | 1782.502  | 100.00      |
| 0.112     | 0.00        | 0.796     | 3.63        | 5.637     | 52.21       | 39.905    | 100.00      | 282.508   | 100.00      | 2000.000  | 100.00      |
| 0.126     | 0.00        | 0.893     | 4.06        | 6.325     | 58.72       | 44.774    | 100.00      | 316.979   | 100.00      |           |             |

Operator notes: