

## Result Analysis Report

**Sample Name:**  
Fe6Si 15~53um - Average

**SOP Name:**

**Measured:**  
2023년 5월 11일 목요일 오전 10:16:32

**Sample Source & type:**

**Measured by:**  
amt100

**Analysed:**  
2023년 5월 11일 목요일 오전 10:16:33

**Sample bulk lot ref:**

**Result Source:**  
Averaged

**Particle Name:**  
Iron

**Accessory Name:**  
Hydro 2000MU (A)

**Analysis model:**  
General purpose

**Sensitivity:**  
Normal

**Particle RI:**  
2.860

**Absorption:**  
1

**Size range:**  
0.100 to 1000.000 um

**Obscuration:**  
11.39 %

**Dispersant Name:**  
Water

**Dispersant RI:**  
1.330

**Weighted Residual:**  
0.315 %

**Result Emulation:**  
Off

**Concentration:**  
0.0468 %Vol

**Span :**  
1.202

**Uniformity:**  
0.641

**Result units:**  
Volume

**Specific Surface Area:**  
0.213 m<sup>2</sup>/g

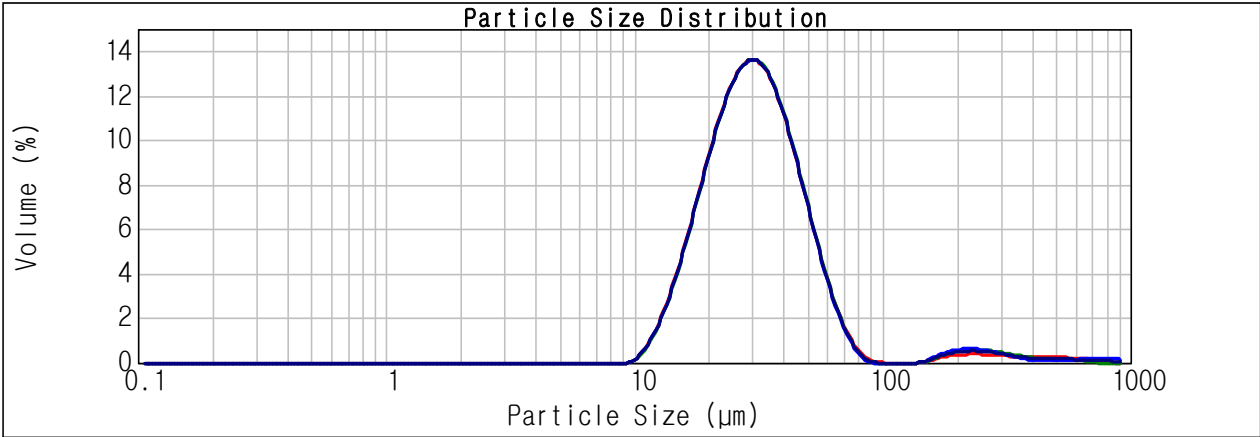
**Surface Weighted Mean D[3,2]:**  
28.189 um

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

**d(0.1): 17.537 um**

**d(0.5): 30.297 um**

**d(0.9): 53.969 um**



— Fe6Si 15~53um, 2023년 5월 11일 목요일 오전 10:16:32  
 — Fe6Si 15~53um, 2023년 5월 11일 목요일 오전 10:16:40  
 — Fe6Si 15~53um, 2023년 5월 11일 목요일 오전 10:16:48  
 — Fe6Si 15~53um - Average, 2023년 5월 11일 목요일 오전 10:16:32

Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %
0.010	0.00	0.105	0.00	1.096	0.00	11.482	1.36	120.226	0.00	1258.925	0.00
0.011	0.00	0.120	0.00	1.259	0.00	13.183	2.92	138.038	0.03	1445.440	0.00
0.013	0.00	0.138	0.00	1.445	0.00	15.136	4.94	158.489	0.26	1659.587	0.00
0.015	0.00	0.158	0.00	1.660	0.00	17.378	7.24	181.970	0.41	1905.461	0.00
0.017	0.00	0.182	0.00	1.905	0.00	19.953	9.46	208.930	0.48	2187.762	0.00
0.020	0.00	0.209	0.00	2.188	0.00	22.909	11.23	239.883	0.46	2511.886	0.00
0.023	0.00	0.240	0.00	2.512	0.00	26.303	12.19	275.423	0.38	2884.032	0.00
0.026	0.00	0.275	0.00	2.884	0.00	30.200	12.15	316.228	0.28	3311.311	0.00
0.030	0.00	0.316	0.00	3.311	0.00	34.674	11.08	363.078	0.20	3801.894	0.00
0.035	0.00	0.363	0.00	3.802	0.00	39.811	9.17	416.869	0.16	4365.158	0.00
0.040	0.00	0.417	0.00	4.365	0.00	45.709	6.80	478.630	0.14	5011.872	0.00
0.046	0.00	0.479	0.00	5.012	0.00	52.481	4.40	549.541	0.12	5754.399	0.00
0.052	0.00	0.550	0.00	5.754	0.00	60.256	2.38	630.957	0.08	6606.934	0.00
0.060	0.00	0.631	0.00	6.607	0.00	69.183	0.96	724.436	0.05	7585.776	0.00
0.069	0.00	0.724	0.00	7.586	0.00	79.433	0.16	831.764	0.00	8709.636	0.00
0.079	0.00	0.832	0.00	8.710	0.00	91.201	0.00	954.993	0.00	10000.000	0.00
0.091	0.00	0.955	0.00	10.000	0.37	104.713	0.00	1096.478	0.00		
0.105	0.00	1.096	0.00	11.482	0.37	120.226	0.00	1258.925	0.00		

**Operator notes:**