

## Result Analysis Report

**Sample Name:**  
50um\_GlassBeadAbrassive

**Sample Source & type:**  
Supplier = COMCO

**Sample bulk lot ref:**  
D5504

**SOP Name:**  
TEST\_Glassmicrospheres\_15-150um

**Measured by:**  
User

**Result Source:**  
Measurement

**Measured:**  
Tuesday, June 11, 2024 2:19:15 PM

**Analysed:**  
Tuesday, June 11, 2024 2:19:17 PM

**Particle Name:**  
Glass beads (typical)

**Particle RI:**  
1.520

**Dispersant Name:**

**Accessory Name:**  
Scirocco 2000

**Absorption:**  
0

**Dispersant RI:**  
1.000

**Analysis model:**  
General purpose

**Size range:**  
0.020 to 2000.000 um

**Weighted Residual:**  
1.895 %

**Sensitivity:**  
Enhanced

**Obscuration:**  
0.03 %

**Result Emulation:**  
Off

**Concentration:**  
0.0001 %Vol

**Span :**  
0.626

**Uniformity:**  
0.193

**Result units:**  
Volume

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

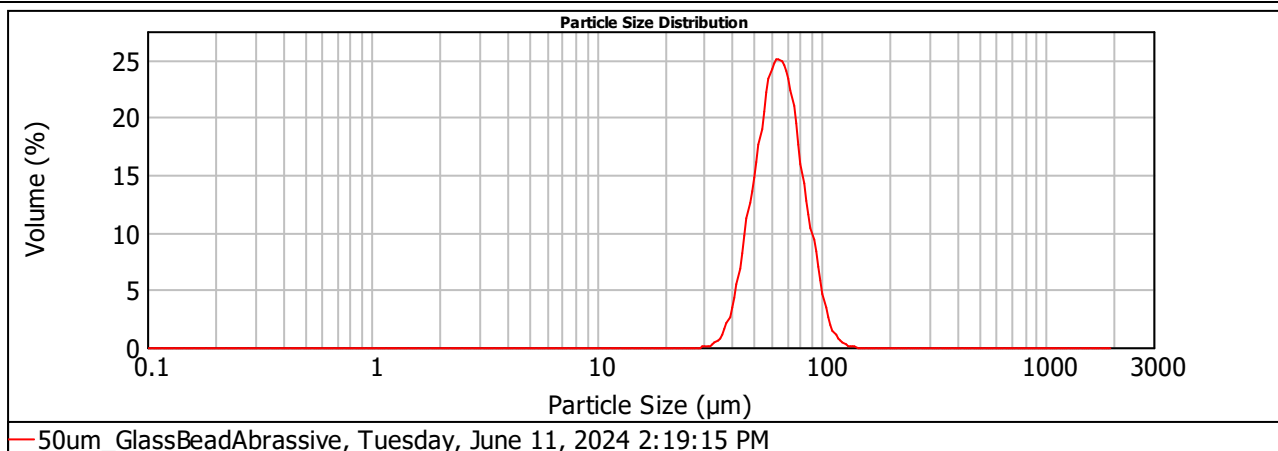
**Surface Weighted Mean D[3,2]:**  
62.874 um

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

**d(0.1):** 47.582 um

**d(0.5):** 64.606 um

**d(0.9):** 88.034 um



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	0.00	120.226	0.19	1258.925	0.00
0.011	0.00	0.120	0.00	1.259	0.00	13.183	0.00	138.038	0.00	1445.440	0.00
0.013	0.00	0.138	0.00	1.445	0.00	15.136	0.00	158.489	0.00	1659.587	0.00
0.015	0.00	0.158	0.00	1.660	0.00	17.378	0.00	181.970	0.00	1905.461	0.00
0.017	0.00	0.182	0.00	1.905	0.00	19.953	0.00	208.930	0.00	2187.762	0.00
0.020	0.00	0.209	0.00	2.188	0.00	22.909	0.00	239.883	0.00	2511.886	0.00
0.023	0.00	0.240	0.00	2.512	0.00	26.303	0.00	275.423	0.00	2884.032	0.00
0.026	0.00	0.275	0.00	2.884	0.00	30.200	0.00	316.228	0.00	3311.311	0.00
0.030	0.00	0.316	0.00	3.311	0.00	34.674	0.13	363.078	0.00	3801.894	0.00
0.035	0.00	0.363	0.00	3.802	0.00	39.811	1.41	416.869	0.00	4365.158	0.00
0.040	0.00	0.417	0.00	4.365	0.00	45.709	5.45	478.630	0.00	5011.872	0.00
0.046	0.00	0.479	0.00	5.012	0.00	52.481	12.31	549.541	0.00	5754.399	0.00
0.052	0.00	0.550	0.00	5.754	0.00	60.256	19.25	630.957	0.00	6606.934	0.00
0.060	0.00	0.631	0.00	6.607	0.00	69.183	22.57	724.436	0.00	7585.776	0.00
0.069	0.00	0.724	0.00	7.586	0.00	79.433	19.78	831.764	0.00	8709.636	0.00
0.079	0.00	0.832	0.00	8.710	0.00	91.201	11.60	954.993	0.00	10000.000	0.00
0.091	0.00	0.955	0.00	10.000	0.00	104.713	5.96	1096.478	0.00		
0.105	0.00	1.096	0.00	11.482	0.00	120.226	1.36	1258.925	0.00		

**Operator notes:** DDA Configuration abrasive