

Result: Sieve ASTM E11:61 Report

Sample Name:
W3 - Average

SOP Name:

Measured:
20 grudnia 2013 16:11:42

Sample Source & type:

Measured by:
229 Turbiscan

Analysed:
20 grudnia 2013 16:11:43

Sample bulk lot ref:

Result Source:
Averaged

Particle Name:
quartz

Accessory Name:
Hydro 2000MU (A)

Analysis model:
General purpose

Sensitivity:
Normal

Particle RI:
1.544

Absorption:
0

Size range:
0.100 to 1000.000 μm

Obscuration:
7.85 %

Dispersant Name:
Water

Dispersant RI:
1.330

Weighted Residual:
0.445 %

Result Emulation:
Off

Concentration:
0.0297 %Vol

Span :
2.322

Uniformity:
0.717

Result units:
Volume

Specific Surface Area:
0.0769 m^2/g

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

Vol. Weighted Mean D[4,3]:
99.735 μm

Density:
2.660 g/cm^3

d(0.1): 13.335 μm

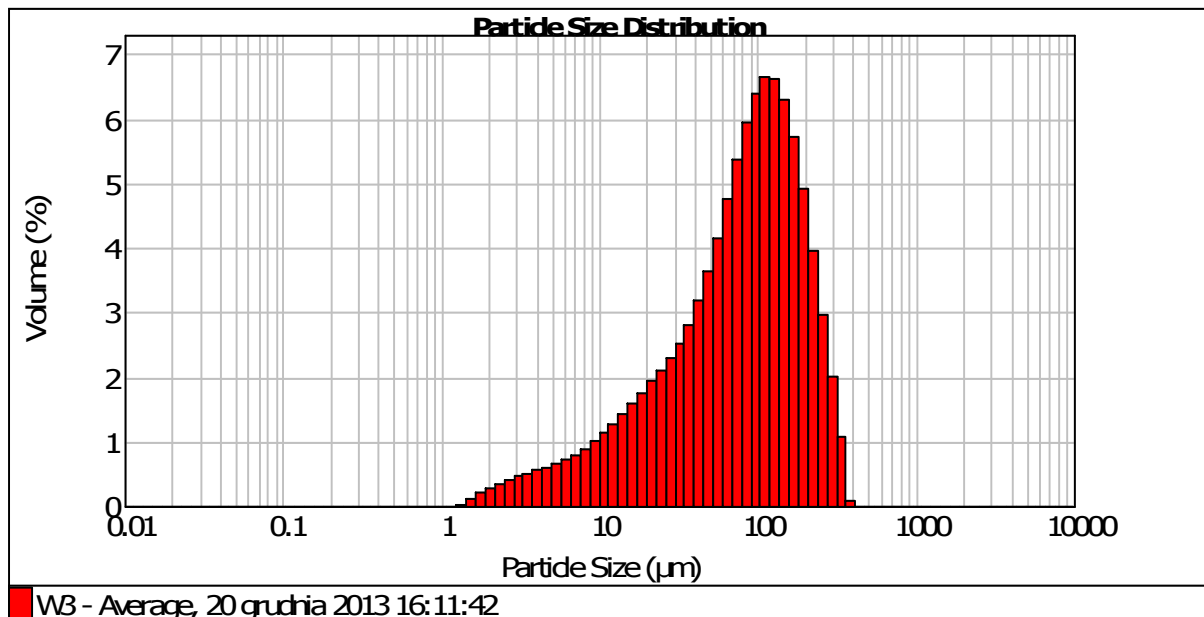
d(0.5): 84.546 μm

d(0.9): 209.615 μm

Mesh No	Aperture μm	Volume In %	Vol Below%
10	2000	0.00	100.00
12	1700	0.00	100.00
14	1400	0.00	100.00
16	1180	0.00	100.00
18	1000	0.00	100.00
20	850	0.00	100.00
25	710	0.00	100.00
30	600	0.00	100.00
35	500	0.00	100.00

Mesh No	Aperture μm	Volume In %	Vol Below%
35	500	0.00	100.00
40	425	0.19	100.00
45	355	1.63	99.81
50	300	3.33	98.18
60	250	4.49	94.85
70	212	5.80	90.36
80	180	7.75	84.56
100	150	8.58	76.81
120	125		68.23

Mesh No	Aperture μm	Volume In %	Vol Below%
120	125	7.93	68.23
140	106	7.57	60.30
170	90	7.66	52.73
200	75	6.36	45.07
230	63	5.34	38.71
270	53	4.27	33.37
325	45	3.77	29.09
400	38		25.32



Operator notes: 2000 rpm, 0W