

Fritsch Particle Sizer 'analysette 22'

NanoTec

Mess Nr. 596	Datum 30.06.2011	Zeit 10:42	Benutzer Gerber	ID 1100	Serien Nr. 001
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110135 Silicon powder
Original sample; predisp. in 0,1% Na₄P₂O₇ 1min US

Messbereich	0.1 [µm] - 398.13 [µm]	Pumpe	65 [%]
Auflösung	102 Kanäle (20 mm / 150 mm)	Ultraschall	An
Absorption	13.00 [%]		
Mess Dauer	100 [Scans]		

Regularization / Modell o_broad

Fraunhofer Berechnung angewählt.

d[4,3] = 8.08µm	Arithm. Mittel = 8.082 µm	Spezifische Oberfläche = 56652.16 cm ² /cm ³
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Interpolationswerte... C:\Fritsch\A22_32\fritsch\01-60µm.FPS

***** %	<=	0.100 µm	6.9 %	<=	0.200 µm	8.4 %	<=	0.300 µm
10.4 %	<=	0.500 µm	17.4 %	<=	1.000 µm	24.8 %	<=	1.500 µm
31.0 %	<=	2.000 µm	39.7 %	<=	3.000 µm	45.4 %	<=	4.000 µm
49.8 %	<=	5.000 µm	53.6 %	<=	6.000 µm	57.3 %	<=	7.000 µm
60.8 %	<=	8.000 µm	64.2 %	<=	9.000 µm	67.5 %	<=	10.000 µm
81.2 %	<=	15.000 µm	89.8 %	<=	20.000 µm	94.9 %	<=	25.000 µm
97.7 %	<=	30.000 µm	99.7 %	<=	40.000 µm	100.0 %	<=	50.000 µm
100.0 %	<=	60.000 µm						

Interpolationswerte... C:\Fritsch\A22_32\fritsch\5_99.fpv

5.0 %	<=	0.150 µm	10.0 %	<=	0.463 µm	15.0 %	<=	0.845 µm
20.0 %	<=	1.172 µm	25.0 %	<=	1.515 µm	30.0 %	<=	1.909 µm
35.0 %	<=	2.397 µm	40.0 %	<=	3.039 µm	45.0 %	<=	3.913 µm
50.0 %	<=	5.047 µm	55.0 %	<=	6.362 µm	60.0 %	<=	7.771 µm
65.0 %	<=	9.232 µm	70.0 %	<=	10.782 µm	75.0 %	<=	12.499 µm
80.0 %	<=	14.477 µm	85.0 %	<=	16.898 µm	90.0 %	<=	20.125 µm
95.0 %	<=	25.172 µm	98.0 %	<=	30.934 µm	99.0 %	<=	34.644 µm

