

Fritsch Particle Sizer 'analysette 22'

NanoTec

Mess Nr. 603	Datum 30.06.2011	Zeit 13:02	Benutzer Gerber	ID 1100	Serien Nr. 001
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110173 Silikatglas T58
P6cl 500ml ZrO2 20mm 5min
direkt in 0,1% Na4P2O7 dispergiert

Messbereich	0.1 [µm] - 132.71 [µm]	Pumpe	65 [%]
Auflösung	102 Kanäle (20 mm / 50 mm)	Ultraschall	An
Absorption	16.00 [%]		
Mess Dauer	100 [Scans]		

Regularization / Modell o_broad
Fraunhofer Berechnung angewählt.

d[4,3] = 13.64µm	Arithm. Mittel = 13.635 µm	Spezifische Oberfläche = 18621.39 cm ² /cm ³
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Interpolationswerte... C:\Fritsch\A22_32\fritsch\01-100µm.fps

0.0 % <=	0.110 µm	0.1 % <=	0.200 µm	0.3 % <=	0.300 µm
1.4 % <=	0.500 µm	4.6 % <=	0.800 µm	7.1 % <=	1.000 µm
9.7 % <=	1.200 µm	13.7 % <=	1.500 µm	19.3 % <=	2.000 µm
27.5 % <=	3.000 µm	36.8 % <=	5.000 µm	47.6 % <=	8.000 µm
54.0 % <=	10.000 µm	59.3 % <=	12.000 µm	65.5 % <=	15.000 µm
72.7 % <=	20.000 µm	78.9 % <=	25.000 µm	85.0 % <=	30.000 µm
94.6 % <=	40.000 µm	98.9 % <=	50.000 µm	99.9 % <=	60.000 µm
100.0 % <=	70.000 µm	100.0 % <=	80.000 µm	100.0 % <=	90.000 µm
100.0 % <=	100.000 µm				

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

5.0 % <=	0.835 µm	10.0 % <=	1.219 µm	15.0 % <=	1.610 µm
20.0 % <=	2.069 µm	25.0 % <=	2.640 µm	30.0 % <=	3.444 µm
35.0 % <=	4.537 µm	40.0 % <=	5.851 µm	45.0 % <=	7.259 µm
50.0 % <=	8.718 µm	55.0 % <=	10.350 µm	60.0 % <=	12.281 µm
65.0 % <=	14.723 µm	70.0 % <=	17.978 µm	75.0 % <=	21.882 µm
80.0 % <=	25.897 µm	85.0 % <=	30.036 µm	90.0 % <=	34.622 µm
95.0 % <=	40.671 µm	98.0 % <=	46.801 µm	99.0 % <=	50.715 µm

