

14	04-04-2013	10:20	FA.FRITSCH	UserID LAB/22	SerNo. SN3165
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04.04.2013
 'ZAO "Plavka i payka"
 'Zakaz N 58-T/U -13
 'steklo BIG-BEG *N 1337*

Measuring Range	0.10 [µm] - 527.62 [µm]	Pump	75 [rpm]
Resolution	62 Channels (9 mm / 200 mm)	Stirrer	65 [rpm]
Absorption	10.00 [%]	Ultrasonic	40
Measurement Duration	20 [Scans]		

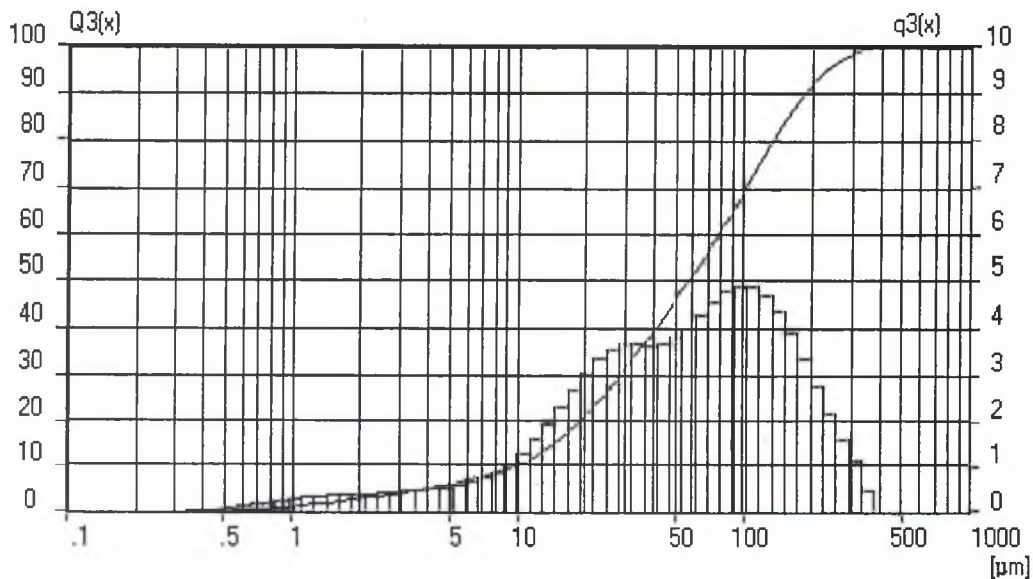
Modell Independent
 Fraunhofer Calculation selected.

Interpolation Values... C:\A22WIN\FRITSCH\HIMNT_1.FPS

***** % <	0.10 µm	0.02 % <	0.20 µm	0.23 % <	0.50 µm
1.15 % <	1.00 µm	2.95 % <	2.00 µm	6.09 % <	5.00 µm
10.12% <	10.00 µm	20.80 % <	20.00 µm	31.35 % <	30.00 µm
45.76% <	50.00 µm	52.82 % <	63.00 µm	61.01 % <	80.00 µm
69.21% <	100.00 µm	83.85 % <	150.00 µm	92.04 % <	200.00 µm
96.28% <	250.00 µm	***** % <	500.00 µm		

Interpolation Values... C:\A22WIN\FRITSCH\PERCENTS.FPV

5.00 % <	3.77 µm	10.00 % <	9.86 µm	15.00 % <	14.88 µm
20.00% <	19.30 µm	25.00 % <	23.74 µm	30.00 % <	28.54 µm
35.00% <	34.16 µm	40.00 % <	40.79 µm	45.00 % <	48.68 µm
50.00% <	57.64 µm	55.00 % <	67.35 µm	60.00 % <	77.84 µm
65.00% <	89.30 µm	70.00 % <	102.05 µm	75.00 % <	116.60 µm
80.00% <	133.76 µm	85.00 % <	155.28 µm	90.00 % <	184.99 µm
95.00% <	231.18 µm	99.00 % <	315.38 µm		



Mean Values...

D43 = 79.88 μm D42 = 34.17 μm D41 = 11.27 μm D40 = 4.97 μm
D32 = 14.62 μm D31 = 4.24 μm D30 = 1.97 μm
D21 = 1.23 μm D20 = .72 μm
D10 = .43 μm

Statistical Values...

Arithmetic Mean Diameter	79.875	μm	Variance	5324.375	μm^2
Geometric Mean Diameter	46.484	μm	Standard Deviation	8.937	μm
Quadr. Sq. Mean Diameter	107.941	μm	Mean Square Deviation	57.207	μm
Harmonic Mean Diameter	14.618	μm	Coefficient Variance	11.189	%
Skewness	1.285	Mode	100.066	μm	
Curtosis	1.327	Median	57.534	μm	
Span	3.035	Mean/Median Ratio	1.388		
Uniformity	0.95				
Spec. Surface Area	0.41	m^2/cc			
Density	1.00	g/cc			
Form Factor	1.00				