



# Fibreshape – your fiber analyser

Fibreshape measures the geometry of fibers with 7 – 5000 µm thickness fast, easy and price performant.

## All you need:

- Scanner
- Laptop/PC
- Fibreshape




## All you do :

- Prepare sample
- Scan image
- Print certificate

## All you get:

- Fiber image
- Fiber shape
- Fiber thickness



### REPORT Fibre thickness

Tested image : cotton\_4000dpi.jpg  
 lot/file no : DATABASE  
 Quality : Long fibres (in  
 Controller : hubert  
 Application : Long Fibres  
 Measuring Mask : 41 , rev: 0  
 Example cotton 4000 dpi Nikon

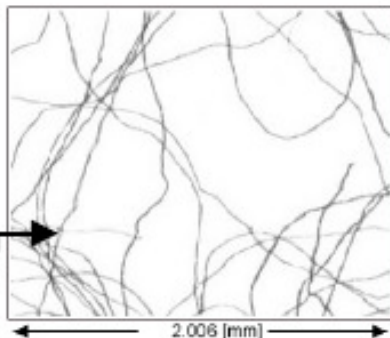
**Set-up Parameters & Limits**

Resolution : 4000 [dpi]  
 Min.thickness : 7.000 [µm]  
 Max.thickness : 100000.000 [µm]

**Major Results from**

Counted objects : 2527  
 Fibre thickness : 14.87 [µm]  
 Median Fibre thickness : 10.98 [µm]

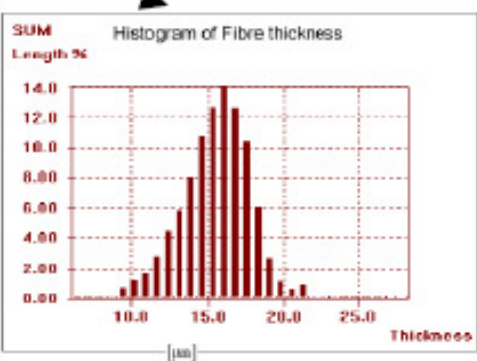
Measured objects image fraction [%] : 5.45  
 All objects image area fraction [%] : 10.55



2.006 [mm]

ref. Curvature : 0.0401, s: 0.0187  
 Rectangularity : 0.9571, s: 0.0379  
 Object area fraction [%] : 51.66

Percentile	
0.0	[%]
6.1517	[µm]
5.0	[%]
10.9314	[µm]
10.0	[%]
12.0540	[µm]
50.0	[%]
15.3843	[µm]
90.0	[%]
18.1103	[µm]
95.0	[%]
19.3038	[µm]
100.0	[%]
28.1324	[µm]



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Date : November152007

Signature :



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