

Procedure, sample 2 for Pore Size measurement

- 1) Sample was inserted between two 50 x 75 mm glass slides and then placed under microscope lens at 50X (5.0X objective) and illuminated by its bottom
- 2) Pores were detected in Bitplane 1, pores smaller than 10 microns discarded, and then measured.
- 3) An area of 228 square mm was covered, or 91 microscope fields using the motorized stage.

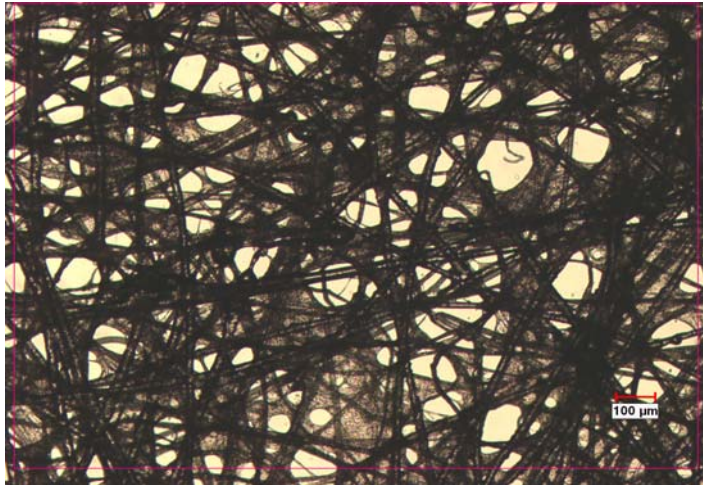


Fig 7: Original Filter image 50X

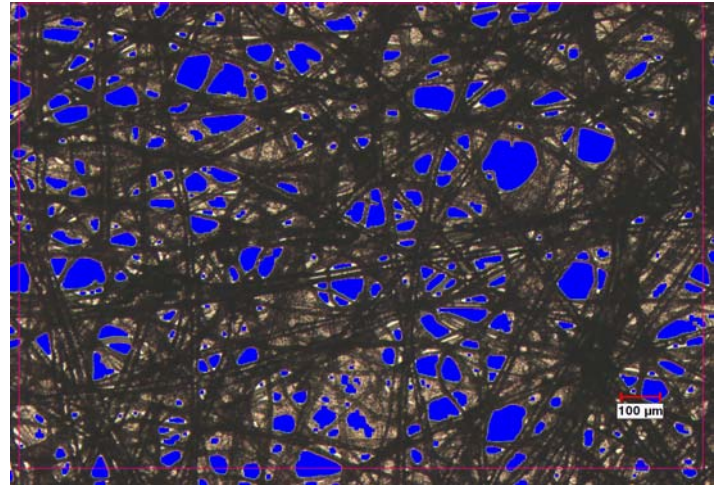
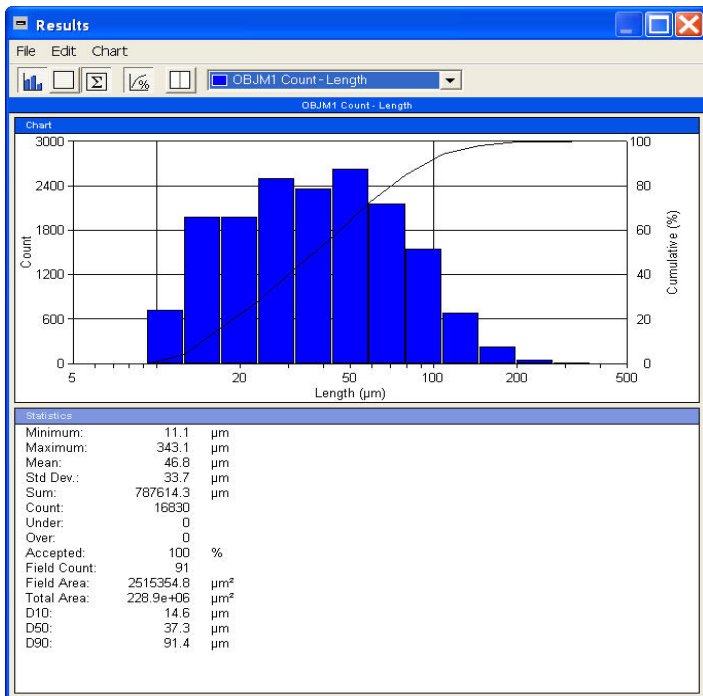
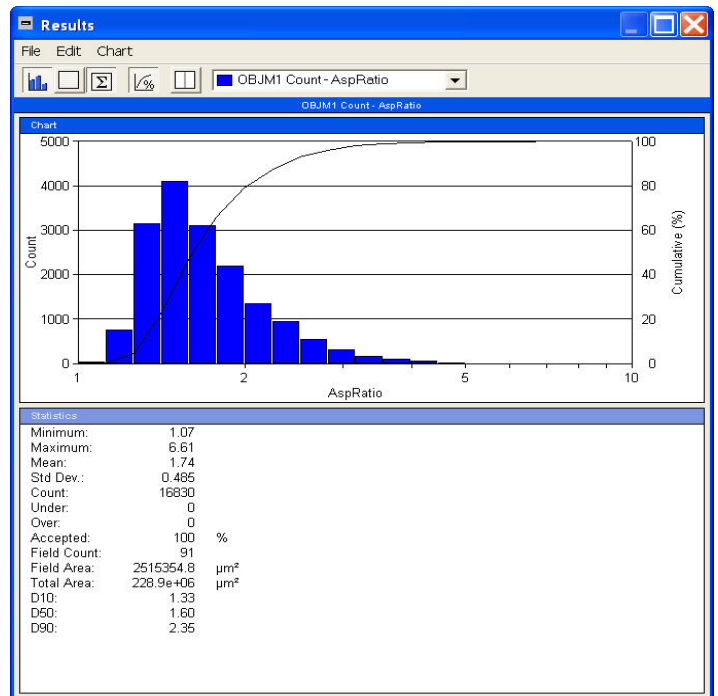


Fig 8: Filter Pores detected



**Fig 9: Longest dimension distribution
Average Length = 46.8 microns**



**Fig 10: Aspect Ratio distribution
Average elongation = 1.74**

Conclusion 2, Sample 2, Pores size Measurement:

Even though only Length and Aspect Ratio were measured, several other parameters could be measured simultaneously. Such as Roundness, Roughness, Area, etc.