



CRC

for

Premium

Quality

Wool

What Is Fibre Diameter?

Produced for the CRC for Premium Quality Wool undergraduate program by;
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What is Fibre Diameter?

- Diameter
- Mean fibre diameter
- Variation in diameter
 - Standard deviation
 - Variance
 - Coefficient of variation
- Fibre Morphology

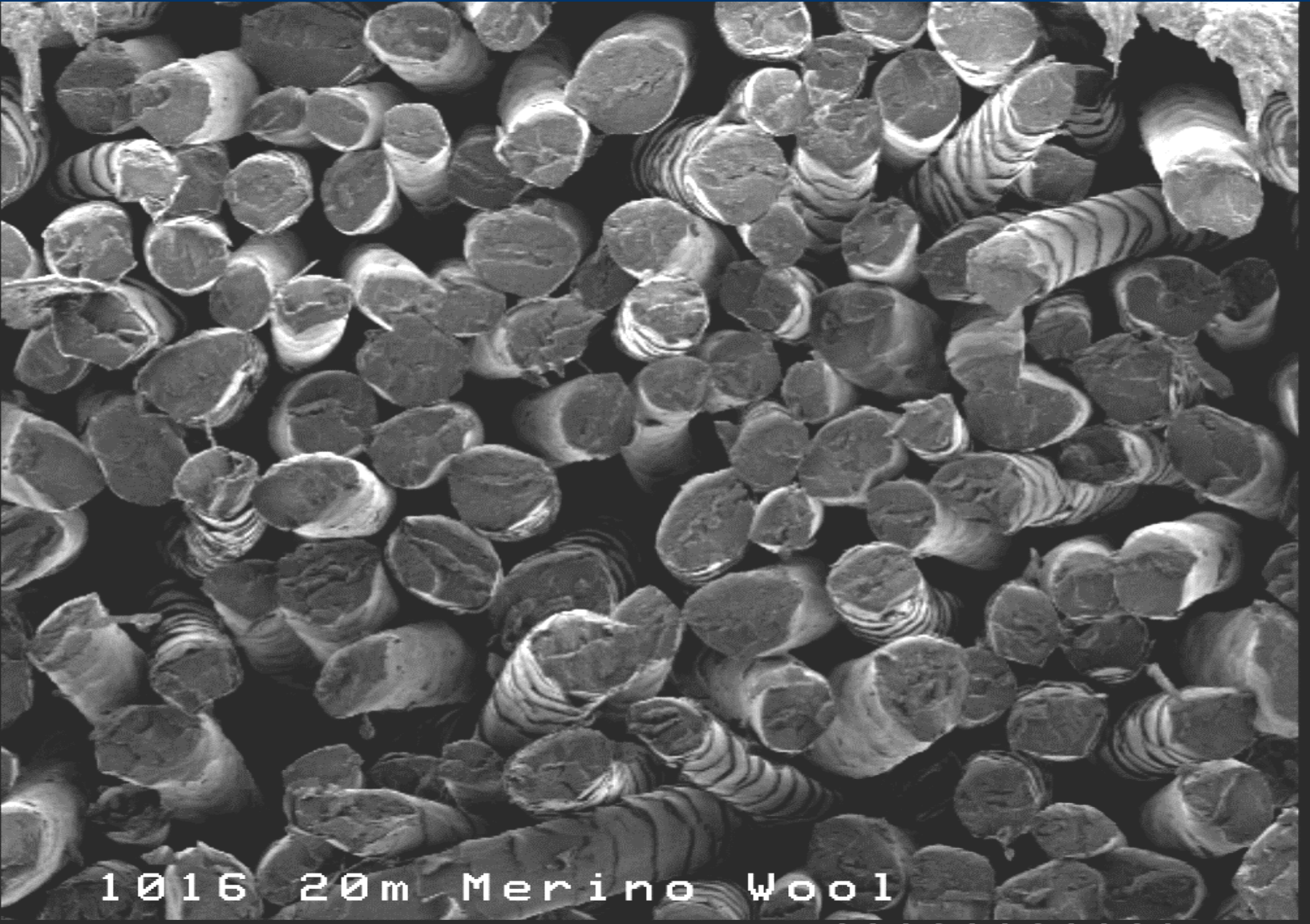
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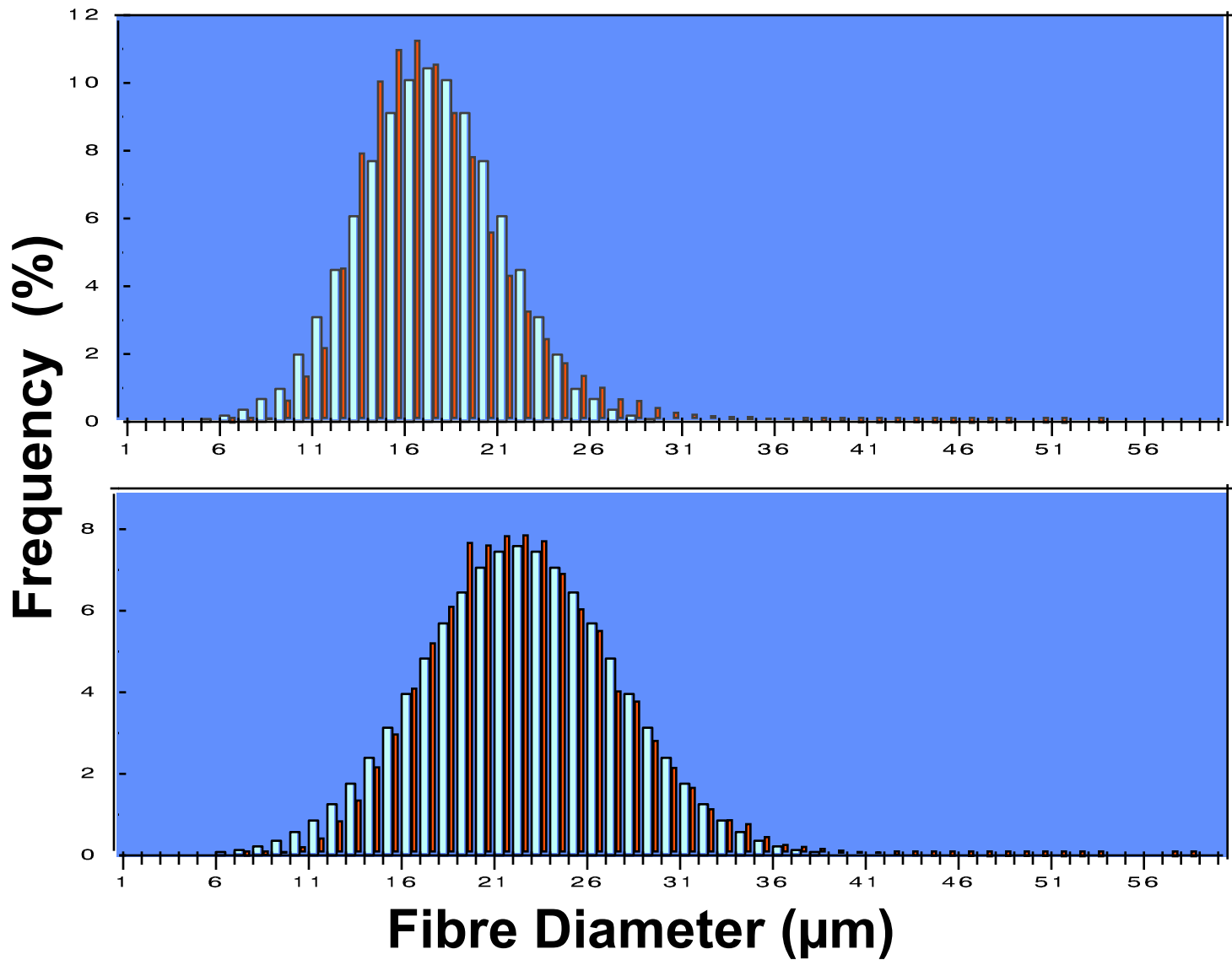


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1016 20m Merino Wool
003624 1.0 kV 72.0 μm



Diameter Distribution



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Importance of Fibre Diameter

- 75 - 80% of the value of top
- Yarn
 - spinning efficiency
 - bending properties
- Fabric
 - fabric weight
 - drape
 - prickle
- Supply

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