

Edexcel (A) Biology A-level

CP08 - Tensile strength of plant fibres

Flashcards

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What is tensile strength?



What is tensile strength?

The maximum stretching force that can be applied to a tissue before it breaks.



What fibres are found in plants?



What fibres are found in plants?

Vascular tissues (xylem and phloem),
sclerenchyma fibres (lignified support
tissues)



Outline the procedure to test the tensile strength of plant fibres.



Outline the procedure to test the tensile strength of plant fibres.

1. Use forceps to separate the fibres.
2. Test the tensile strength of the fibres by using suspended masses.

