

ELASTIC PROPERTIES OF LOCAL BANANA FIBRES

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Creep rates and the dependance of breaking stress on moisture content have been investigated in detail for some local banana fibres. Results have been compared with those for silk and jute threads. Among these materials, banana fibres show the lowest creep rate. A possible mechanism has been suggested to account for the observed shapes of the creep curves. It has also been found that the removal of moisture from the fibres has increased their breaking stresses significantly.

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