

Method for the determination of wool fibre fineness by the use of a projection microscope

Co-operating organizations

The Textile Divisional Council, under whose supervision this British Standard was prepared, consists of representatives from the following Government department and scientific and industrial organizations:

- British Railways Board
- Consumer Council
- Cotton Industry Standards Committee
- Jute Industry Standards Committee
- Linen Industry Standards Committee
- London Transport Board
- Man-made Fibres Industry Standards Committee
- Ministry of Defence
- Silk Industry Standards Committee
- Society of Dyers and Colourists*
- Textile Institute*
- Textile Machinery Industry Standards Committee
- Trades Union Congress
- Wool Industry Standards Committee

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

- British Jute Trade Research Association
- British Man-made Fibres Federation
- Committee of Directors of Textile Research Associations
- Cmmonwealth Joint Services Committee (Clothing and General Stores)
- Cotton, Silk and Man-made Fibres Research Association
- Hosiery and Allied Trades Research Association
- International Federation of Cotton and Allied Textile Industries
- Linen Industry Research Association

This British Standard, having been approved by the Textile Divisional Council, was published under the authority of the General Council on 31 January 1968

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Foreword

This standard makes reference to the following British Standards:

BS 1051, *Terms relating to the conditioning of textiles and method for the determination of correct invoice weight.*

BS 2545, *Methods of fibre sampling for testing.*

BS 3836, *Components of microscopes — Part 1: Microscope cover slips and slides.*

This British Standard method was originally based on Tentative Textile Specification No. 20 which was published in the Journal of the Textile Institute for October, 1950. It was subsequently developed as a British Standard in collaboration with the Textile Institute. In the present revision all dimensions have been converted to metric units, and the opportunity has also been taken to check that the method is still technically valid. This standard method conforms with Recommendation No. 137¹⁾ of the International Organization for Standardization (ISO).

The technique described in this method has been developed particularly with a view to obtaining consistent results between different laboratories. Even when this technique is employed, however, personal differences in focusing may cause results obtained in different laboratories or by different operators in the same laboratory to differ significantly but the difference due to this cause should rarely exceed 5 % in the mean.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

¹⁾ ISO/R 137, “Determination of wool fibre diameter. Projection microscope method”.