

# B I S F A

THE INTERNATIONAL BUREAU  
FOR THE STANDARDISATION OF MAN-MADE FIBRES

## **Test methods for bare elastane yarns**

2015 Edition  
(This edition replaces the 2013 edition)

## **SCOPE**

These methods apply to all continuous bare elastane yarns wound on spools.

Appendix I sets out the definition of elastane to which these methods apply.

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# INTRODUCTION

This booklet replaces the 2013 edition.

## **Acknowledgement**

BISFA wishes to acknowledge and thank Mr. Jim Sweeney from Invista who revised this booklet.

## PREFACE

One of the principal aims of BISFA as set out in its statutes is to establish for Man-made fibres rules for classification and nomenclature and standard test methods to serve as a basis for sound trading practice.

The methods of manufacture used for such fibres allow a variety of new materials to be produced, and it is therefore necessary to establish and update standardised concepts which will foster harmonious technical and commercial relationships both at the national and international level.

BISFA endeavours to establish suitable rules and methods for commercially available fibres. These rules and methods embody concepts acceptable alike to producers, users and testing establishments.

They describe:

- testing methods for checking goods upon receipt:  
determination of commercial mass, linear density, tensile and viscoelastic properties;
- maximum tolerances for linear density.

The methods which BISFA advocates for measuring the above properties are described in detail in this booklet to enable comparable results to be obtained between laboratories.

The detailing of the methods of test given by BISFA would be of no value unless the samples measured could be considered as representative of the entire consignment. BISFA has, therefore, also considered the problem of sampling, using the most recent statistical methods for establishing the consignment mean value of a property by testing a minimum of suitably selected individual samples.

Consequently the results of tests according to BISFA methods are valid only for the entire consignment and not for individual items such as single packages, spools or rewind materials.

Attention is drawn to other BISFA publications, in particular the booklet "Terminology Relating to Man-Made Fibres".

Users of BISFA booklets are responsible for ensuring that the latest and complete edition is employed.