

IWTO RED BOOK

SPECIFICATIONS

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Korean Standards Association

IWTO-0-2012:	Introduction to IWTO Specifications. Procedures for the Development, Review, Progression or Relegation of IWTO Test Methods and Draft Test Methods
App A (2015):	IWTO Technology & Standards Committee Organisational Chart
App B (2012):	Presentation of Supporting Technical Data
App C (2012):	Guidelines for the Presentation of IWTO Specifications
App D (2009):	Statistical Methods
App E (2012):	Working Group Drafts
IWTO-2-2007:	Method for the Determination of the pH Value of a Water Extract of Wool
IWTO-3-1986:	Method of Test for the Acid Content of Wool
IWTO-6-2013:	Method of Test for the Determination of the Mean Diameter of Wool Fibres in Combed Sliver using the Airflow Apparatus
IWTO-7-2011:	Sub-sampling Staples from Grab Samples
IWTO-8-2011:	Method of Determining Fibre Diameter Distribution Parameters and Percentage of Medullated Fibres in Wool and other Animal Fibres by the Projection Microscope
IWTO-10-2003:	Method for the Determination of Dichloromethane Soluble Matter in Combed Wool and Commercially Scoured or Carbonised Wool
IWTO-12-2012:	Measurement of the Mean and Distribution of Fibre Diameter Using the Sirolan-Laserscan Fibre Diameter Analyser
IWTO-17-2011:	Determination of Fibre Length and Distribution Parameters
IWTO-18-2000:	Method for the Determination of Evenness of Textile Strands using Capacitance Testing Equipment
IWTO-19-2012:	Determination of Wool Base and Vegetable Matter Base of Core Samples of Raw Wool
IWTO-20-2004:	Method for the Determination of the Felting Properties of Loose Wool and Top
IWTO-26-2004:	Glossary of Terms Relating to Sampling
IWTO-28-2013:	Determination by the Airflow Method of the Mean Fibre Diameter of Core Samples of Raw Wool
IWTO-29-2003:	Method for the Determination of the Dimensional Change induced by Free-Steam in Fabrics Containing Wool
IWTO-30-2007:	Determination of Staple Length and Staple Strength
IWTO-31-2002:	Calculation of IWTO Combined Certificates for Deliveries of Raw Wool
IWTO-32-2005:	Determination of the Bundle Strength of Wool Fibres
IWTO-33-2003:	Method for the Determination of Oven-Dry Mass and Calculated Invoice Mass of Scoured or Carbonised Wool
IWTO-34-1998:	Determination of Oven-Dry Mass, Calculated Invoice Mass and Calculated Merchantable Mass of Wool Tops
IWTO-35-2014:	Method for the Measurement of Colour of Sliver
IWTO-38-1999:	Method of Grab Sampling Greasy Wool from Bales
IWTO-41-1992:	Determination of the Invoice Mass of Scoured or Carbonised Wool or Tops or Noils by Capacitance Method
IWTO-42-2002:	Crease Pressing Performance Test
IWTO-47-2013:	Measurement of the Mean and Distribution of Fibre Diameter of Wool using an Optical Fibre Diameter Analyser (OFDA)

IWTO-49-2005: Formability Test

IWTO-50-1994: The Measurement of Dimensional Stability and Hygral Change in Woven Fabrics

IWTO-51-1994: Measurement of the Stability of Surface Finish on Woven Wool Fabric (amended 1994)

IWTO-52-2006: Conditioning Procedures for Testing Textiles

IWTO-55-1999: Method of Automatic Counting and Classifying Cleanliness Faults in Tops Using the Optalyser Instrument

IWTO-56-2014: Method for the Measurement of Colour of Raw Wool

IWTO-57-2000: Determination of Medullated Fibre Content of Wool and Mohair Samples by Opacity Measurements using an OFDA

IWTO-58-2000: Scanning Electron Microscopic Analysis of Speciality Fibres and Sheep's Wool and their Blends

IWTO-62-2010: Determination Of Fibre Length, Length Distribution, Mean Fibre Diameter And Fibre Diameter Distribution Of Wool Top & Slivers By The OFDA4000

IWTO-65-2013: Determination of Pilling and Fuzzing of Wool and Cashmere Knitted Fabrics Using the Pill Box

DRAFT TEST METHODS

The main difference between an IWTO Test Method and a Draft Test Method is that the latter has not yet demonstrated sufficient reproducibility to meet the technical standards for acceptable inter-laboratory variation. Whilst Draft Test Methods define the standard methodology being developed, they have no official status for commercial usage, unless agreed between the contracting parties.

Draft Test Methods represent the first formal approval stage in the development of IWTO Test Methods. They provide an opportunity for both technical and commercial evaluation of the developing methodology, during its logical progression to full standardisation.

Under normal circumstances, a developing Specification will remain at Draft Test Method status for a minimum of 2 years, to provide a reasonable period for its applications to be examined and its commercial implications to be understood.

In special instances, such as when demonstrable weaknesses have been found, a full Test Method may be downgraded to Draft Test Method status until its weaknesses have been satisfactorily addressed or until it is downgraded further to Working Group Draft.

DTM-1-2002: Method of Determining "Barbe" and "Hauteur" for Wool Fibres Using a Comb Sorter

DTM-4-2000: Method of Test for Determining the Solubility of Wool in Alkali

DTM-5-1997: Method of Determining Wool Fibre Length Distribution of Fibres from Yarns or Fabrics Using a Single Fibre Length Measuring Machine

DTM-13-1997: Counting of Coloured Fibres in Tops by the Balanced Illumination Method

DTM-16-2002: Method of Test for Wool Fibre Length using a WIRA Fibre Diagram Machine

DTM-24-2001: General and Specific Methods for the Determination of Cleanliness Faults in Combed Wool Slivers
Appendix 2 Supplement 3: Counting of Straws, Bast Fibres and Burrs Greater than 10 mm

DTM-40-2002: Determination of the Abrasion Resistance of Wool and Blended Wool Fabrics using a Martindale Machine

DTM-43-1998: Measurement of Solvent Extractables for Scoured Wool or Sliver Using Near Infrared Analysis

DTM-45-1999:	Determination of Cashmere Down Yield for Core Samples of Cashmere Fibre
DTM-59-2009:	Method for the Determination of Chemical Residues on Greasy Wool
DTM-60-2001:	Method for the Measurement of Fibre End Characteristics in Wool Slivers as a Guide to Fabric Skin Comfort
DTM-61-2001:	Method for the Determination of Petroleum Ether Extractable Matter in Wool Yarns and Certain Wool Blends
DTM-63-2007:	Determination of the Invoice Mass of Tops, Noils, Scoured or Carbonised Wools by the Malcam Microwave Method
DTM-64-2012:	Method for the Fibregen Sliver Cleanliness Testing System
DTM-66-2014:	Draft Test Method for the Skin Comfort of Finished Wool Fabrics and Garments
DTM-67-2014:	Draft Test Method for Objective Handle Evaluation of Fine Lightweight Knitted Fabrics by a Wool Handlemeter
DTM-68-2015:	Draft Test Method for Quantitative Analysis of Cashmere and Wool Mixture Based on DNA Technology

WORKING GROUP DRAFTS

WGD-9-1997:	Method of Test and Assessment for Proofness of Wool Fabrics against the Common (Webbing) Clothes Moth
WGD-11-1999:	Method of Test for the Solubility of Wool in Urea-Bisulphite Solution
WGD-14-1997:	Method of Test and Assessment for Proofness of Wool Fabrics against the Black Carpet Beetle
WGD-15-1998:	Method for the Colorimetric Determination of Cystine Plus Cysteine in Wool Hydrolysates
WGD-21-1999:	Method for the Determination of the Alkali Content of Wool
WGD-22-2002:	Method for the Determination of the Weight per Unit Area of Woven Cloth
WGD-37-2002:	Determination of Crimp of Yarn in Fabric Containing Wool
WGD-39-2002:	Determination of the Number of Threads per Centimetre in Woven Fabrics