

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 2001.4.6—1990

Methods of test for textiles

Method 4.6: Colourfastness tests—Determination of colourfastness to hot pressing

RECONFIRMATION NOTICE

Technical Committee TX-020 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 6 July 2016.

The following are represented on Technical Committee TX-020:

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Australian Wool Processors Council
AWTA Textile Testing
Council of Textile and Fashion Industries of Australia
Drycleaning Institute of Australia
National Association of Testing Authorities Australia
RMIT University
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NOTES

Australian Standard®

Methods of test for textiles

Method 4.6: Colour fastness tests— Determination of colour fastness to hot pressing

PREFACE

This Standard was prepared by the Standards Australia Committee on Testing of Textiles to supersede AS 2001.4.6—1978, *Methods of test for textiles*, Method, 4.6: *Colourfastness tests—Determination of colourfastness to hot pressing*. It is one of a series for determining the colour fastness of textiles to various agents.

Changes from the previous edition include the use of a pressing apparatus instead of a hand iron and the revision of the use of the undyed cotton cloths.

This series of methods is largely based on the work of a technical committee of the International Organization for Standardization (ISO/TC 38/SC 1), adapted to suit Australian conditions.

METHOD

1 SCOPE. This Standard sets out methods for determining the colour fastness of textiles to hot pressing. Nine tests are described, comprising tests for dry, damp and wet pressing, each at three temperatures.

This Standard applies to all textiles in all forms, provided that the textile is capable of withstanding the test conditions.

2 REFERENCED DOCUMENTS. The following documents are referred to in this Standard:

AS

2001 Methods of test for textiles

2001.1 Method 1: Conditioning procedures

2001.4.1 Method 4.1: Colourfastness tests—Definitions and general requirements

3 PRINCIPLE. A test specimen in contact with undyed cloths is pressed. The change in colour of the specimen and the degree of staining of the undyed cloths are assessed.

4 REAGENT. Distilled or deionized water is required.

5 APPARATUS.

5.1 Conditioning facility —means of providing and maintaining a standard atmosphere as described in AS 2001.1, if required.

5.2 Pressing apparatus*—consisting of upper and lower smooth parallel plates. The upper plate shall be capable of maintaining the temperatures shown in Table 1, and shall apply a pressure of 4 ± 1 kPa to the test specimen.

5.3 Press pad—not less than 100 mm × 50 mm, consisting of two layers of undyed wool cloth as specified in AS 2001.4.1.

* A suitable apparatus can be obtained from Atlas Electrical Devices Company, U.S.A. (Scorch Tester).