AWTA TEXTILE TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Textile Testing A.B.N. 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O. Box 240, North Melbourne, Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

CLIENT :

AFRDI - LEATHER PO BOX 2042

LAUNCESTON TASMANIA 7250

TEST NUMBER

: 7-547593-MV

DATE

: 05/09/2006

ORDER NUMBER: 6357

SAMPLE DESCRIPTION

Clients Ref: "6357/3" Sample of leather

Medici

Colour: Beige

Classification: Semi Aniline

ISO 105-B02-1994 LAMP: XENON ARC METHOD 1

Colourfastness to Light

Lightfastness rating

6-7

Test terminated when blue wool standard 7 changed shade equivalent to 4-5 on the standard grey scale

Tested on a water cooled Atlas Ci4000 Weatherometer at 63 degC black panel temperature and 50% Relative Humidity at 420nm. Exposed with SDC standard blue scales.

Compliance to AFRDI standard 146-2006 Complies

Requirement

semi-aniline 4 minimum

ISO 11640-1993(E) Colourfastness to Cycles of To and Fro Rubbing

Colour change Staining of felt Felt type used Appearance change

Dry white Nil

Wet white

Compliance to AFRDI standard 146-2006 Appendix 1 Complies

Requirement:

semi aniline

Dry

Wet 3-4 min

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AWI

TECHNICAL SERVICES MANAGER

MANAGING DIRECTOR

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: 05/09/2006

ISO 11640-1993 (E) CLAUSE 6.4

Colourfastness to Cycles of To and Fro Rubbing (Perspiration Solution)

Colour change Staining of felt Felt type used

5 white

Appearance change Nil

Compliance to AFRDI standard 146-2006 Appendix 1

Complies Requirement: semi aniline

3-4 minimum

ISO 11644-1993

Determination of Adhesion of Finish

Parallel to backbone Perpendicular to backbone N/10mm N/10mm 2.8 3.8 N/10mm 3.3 Mean adhesion strength Number of specimens tested

Comments:Individual layer removed Approx 10% of the leather skin removed Adhesive used: Two component polyurethane adhesive comprising a resin and hardener as per clause 5.6 Tested in standard atmosphere: 20+/-2degC and 65+/-3% Relative Humidity

Compliance to AFRDI standard 146-2006

Complies
Requirement; 2N per 10mm minimum for both class semianiline and pigmented corrected grain finished split

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ISO 3377.1-2002

Determination of Tear Load Part 1: Single edge tear

Mean tear load Parallel to backbone 62.6 Perpendicular to backbone 44.2 N Overall mean tear load 53.4

Tested in standard condition: 20+/-2degC and 65+/-3% Relative Humidity

Compliance to AFRDI standard 146-2006 Complies Requirement 20N minimum

ISO 4045-1977(E)

Leather - Determination of pH

Mean pH Mean difference value 0.3

Aqueous extract filtered through "Whatman 54" Filter paper prior to measuring

Compliance to AFRDI standard 146 Complies Requirement: greater than 3.2

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Dr. REG HAMILTON
TECHNICAL SERVICES MANAGER

MANAGING DIRECTOR