



DEAS 1372:2026

ICS 61.040

DRAFT EAST AFRICAN STANDARD

Leather – Leather for garments – specification

EAST AFRICAN COMMUNITY

PUBLIC REVIEW DRAFT

Copyright notice

This EAC document is copyright-protected by EAC. While the reproduction of this document by participants in the EAC standards development process is permitted without prior permission from EAC, neither this document nor any extract from it may be reproduced, stored or transmitted in any form for any other purpose without prior written permission from EAC.

Requests for permission to reproduce this document for the purpose of selling it should be addressed as shown below or to EAC's member body in the country of the requester:

© East African Community 2023 — All rights reserved
East African Community
P.O. Box 1096,
Arusha
Tanzania
Tel: + 255 27 2162100
Fax: + 255 27 2162190
E-mail: eac@eachq.org
Web: www.eac-quality.net

Reproduction for sales purposes may be subject to royalty payments or a licensing agreement. Violators may be prosecuted.

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Requirements	Error! Bookmark not defined.
4.1 General requirements	Error! Bookmark not defined.
4.2 Specific requirements	Error! Bookmark not defined.
4.3 Type, design and size of leather car seat covers	Error! Bookmark not defined.
4.3.1 Type and design	Error! Bookmark not defined.
4.3.2 Size	Error! Bookmark not defined.
4.4 Construction of lining and interlining material	Error! Bookmark not defined.
5 Packaging	Error! Bookmark not defined.
6 Marking and labelling	Error! Bookmark not defined.
6.1 Leather car seat covers	Error! Bookmark not defined.
6.2 Bulk Package	Error! Bookmark not defined.
Annex A (normative) Annex title	Error! Bookmark not defined.
A.1 Scale of sampling	Error! Bookmark not defined.
A.2 Method of selection	Error! Bookmark not defined.
A.3 Defects	Error! Bookmark not defined.
A.4 Acceptance criteria	Error! Bookmark not defined.
Bibliography	5

Foreword

Development of the East African Standards has been necessitated by the need for harmonizing requirements governing quality of products and services in the East African Community. It is envisaged that through harmonized standardization, trade barriers that are encountered when goods and services are exchanged within the Community will be removed.

The Community has established an East African Standards Committee (EASC) mandated to develop and issue East African Standards (EAS). The Committee is composed of representatives of the National Standards Bodies in Partner States, together with the representatives from the public and private sector organizations in the community.

East African Standards are developed through Technical Committees that are representative of key stakeholders including government, academia, consumer groups, private sector and other interested parties. Draft East African Standards are circulated to stakeholders through the National Standards Bodies in the Partner States. The comments received are discussed and incorporated before finalization of standards, in accordance with the principles and procedures for development of East African Standards.

East African Standards are subject to review, to keep pace with technological advances. Users of the East African Standards are therefore expected to ensure that they always have the latest versions of the standards they are implementing.

The committee responsible for this document is Technical Committee EASC/TC 063, *Leather and leather products*.

Attention is drawn to the possibility that some of the elements of this document may be subject of patent rights. EAC shall not be held responsible for identifying any or all such patent rights.

Leather – Leather for garments – specification

1 Scope

This Draft East African Standard specifies requirements, methods of test and sampling of leather for garment.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 2418 Leather — Chemical, physical, mechanical and fastness tests — Position and preparation of specimens for testing

ISO 5398 (All parts) Leather — Chemical determination of chromic oxide content

ISO 17075 (All parts) Leather — Chemical determination of chromium (VI) content in leather

ISO 15700 Leather — Tests for colour fastness — Colour fastness to water spotting

ISO 4045 Leather — Chemical tests — Determination of pH and difference figure

ISO 2589 Leather — Physical and mechanical tests — Determination of thickness

ISO 3376 Leather — Physical and mechanical tests — Determination of tensile strength and percentage elongation

ISO 3377 (All parts) Leather — Physical and mechanical tests — Determination of tear load

ISO 4048 Leather — Chemical tests — Determination of matter soluble in dichloromethane and free fatty acid content

ISO 17130 Leather — Physical and mechanical tests — Determination of dimensional change

ISO 105-B01:2014 Textiles — Tests for colour fastness Part B01: Colour fastness to light: Daylight

ISO 105-B02:2014 Textiles — Tests for colour fastness Part B02: Colour fastness to artificial light: Xenon arc fading lamp test

ISO 17226 (All parts) Leather — Chemical determination of formaldehyde content

ISO 11640 Leather — Tests for colour fastness — Colour fastness to cycles of to-and-fro rubbing

ISO 11641 Leather — Tests for colour fastness — Colour fastness to perspiration

ISO 5402 (All parts) Leather — Determination of flex resistance

ISO 11644 Leather — Test for adhesion of finish

ISO 17234 (All parts) Leather — Chemical tests for the determination of certain azo colorants in dyed leathers

ISO 17070 Leather — Chemical tests — Determination of tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol-isomers and pentachlorophenol content

ISO 2588 Leather — Sampling — Number of items for a gross sample

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply (WDEAS/TC063/0004/2026)..

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <http://www.iso.org/obp>

Leather for garments

Leather processed to provide softness, flexibility and drape suitable for clothing manufacture

4 Requirements

4.1 General requirements

4.1.1 The leather for garments shall be soft and pliable for draping.

4.1.2 Leather for garments shall be free from defects that may affect their appearance or performance.

4.2 specific requirements

Leather for garments shall comply with physical and chemical requirements given in table 1 when tested in accordance with test methods specified therein

Table 1 — Specific requirements for leather for garments

S/No.	Characteristic	Requirement	Test method
i.	Chromium III content, %, min.	3.5	ISO 5398
ii.	Chromium VI content, (mg/kg), max.	3	ISO 17075
iii.	<i>Colour fastness to water spotting, min</i>	4	ISO 15700
iv.	pH value	4.5 –5.5	ISO 4045
v.	Thickness, mm, min.	0.5	ISO 2589
vi.	Tensile Strength, N/mm ² , min.	10	ISO 3376
vii.	Elongation at Break, %, min.	30 – 80	ISO 3376
viii.	Tear strength, N, min.	15	ISO 3377
ix.	Fat content (Solvent extractable substance) % by mass	3-10	ISO 4048
x.	Dimensional change, (%), max.	5	ISO 17130
xi.	Light fastness, (blue wool standards), min.	5	ISO 105 -BO1 ISO 105-B02
xii.	Formaldehyde, mg/kg, max. for leather without direct contact with the skin, 150 mg/kg, max for leather in direct contact with the skin, mg/kg, max for leather for infants and children (0 to 14 years age group), mg/kg, max	150 75 20	ISO 17226
xiii.	Rub fastness (50 cycles), dry /wet, Min	3	ISO 11640
xiv.	Colour fastness to perspiration, min	3	ISO 11641
xv.	Flex resistance	No crack	ISO 5402-1

	(20,000 cycle), min			
xvi.	Adhesion of finish, N, min.	Dry	1.0	ISO 11644
		Wet	0.8	
xvii.	<i>Azo colorant (applicable to dyed leather only), mg/kg, max.</i>		30	ISO 17234
xviii.	Chlorinated phenols, mg/kg, max.		5	ISO 17070

5.0 Packaging

Leather for garment shall be packaged in suitable material so as to protect them from damage during transportation, storage and handling

.

6 Marking and labelling

6.1 leather for garment

The following information shall be legibly and indelibly marked/labelled on leather for garment use:

- a) manufacture's name, address and/or trademark;
- b) colour;
- c) country of origin;
- d) Area of the leather; and
- e) batch number.

6.2 Bulk package

Each bulk package shall be legibly and indelibly labelled with the following information:

- a) manufacturer's name, address and/or trademark;
- b) number of pieces of leather for garment; and
- c) country of origin.

7 Sampling

Sampling shall be done in accordance with ISO 2418 and ISO 2588.

Bibliography

- [1] IS 12718: 1989 Leather for garments – performance requirements

PUBLIC REVIEW DRAFT