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DRAFT EAST AFRICAN STANDARD

Leather – Chamois leather – specification

EAST AFRICAN COMMUNITY

PUBLIC REVIEW DRAFT

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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*.

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Leather – Chamois leather – specification

1 Scope

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

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 2417 Leather — Physical and mechanical tests — Determination of the static absorption of water

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

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

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

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

ISO 3380 Leather — Physical and mechanical tests — Determination of shrinkage temperature up to 100 °C

ISO 4098:2018 | IULTCS/IUC 6 Leather — Chemical tests — Determination of water-soluble matter, water-soluble inorganic matter and water-soluble organic matter

ISO 4047 Leather — Determination of sulphated total ash and sulphated water-insoluble ash

ISO 17072-2 Leather — Chemical determination of metal content Part 2: Total metal content

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

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply (DEAS 1373:2026).

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>

Chamois leather

oil-tanned leather, typically made from the flesh split of sheep, goat or lamb skin.

4 Requirements

4.1 General requirements

4.1.1 The material shall be made from the inner split (flesh split) of sheep, goat or lamb skin.

4.1.2 The material shall be manufactured by straight oil tannage by using oils like cod or other fish oil or linseed oil having high iodine value (more than 140) or combination tannage, by using aldehyde tanning agent and oil.

4.1.3 Chamois leather shall be soft, porous, suede-finished on both sides, with a natural color.

4.1.4 The material shall not be chemically bleached or dyed

4.1.5 The material shall be free from physical defects, such as holes, scratches, cuts and hard, thin or uneven patches. 4.1.6 The material shall be classified into two grades namely;

i. Grade 1

The material shall be free from physical defects, namely, holes, scratches, cuts and hard, thin or uneven patches. It shall be free from any stitching.

ii. Grade 2

The material shall be reasonably free from physical defects, namely, holes, scratches and cuts. Cuts and holes shall be properly sewn and shall not affect the serviceability of the skin. The number of stitching shall be not more than 10/m². It shall also be suitable for cleaning polished surfaces without leaving any scratch on the surface

4.2 specific requirements

Chamois leather 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 chamois leather

S/No.	Characteristic	Requirement	Test method
i.	Water absorption, increase by mass, , after 30 minutes, %, min.	200	ISO 2417
ii.	pH value	6 – 8	ISO 4045

iii.	Thickness, mm,	Grade 1, min	0.7	ISO 2589
		Grade 2	0.4 – 0.7	
iv.	soluble matter, %, max.		15	ISO 4098
v.	Sulphated total ashes, %, max.		8	ISO 4047
vi.	Total heavy metals, mg/kg, max.		100	ISO 17072 –2
vii.	Formaldehyde, mg/kg, max.		50	ISO 17226

5 Sampling

Sampling shall be done in accordance with ISO 2588.

Bibliography

- [1] IS 1017: 2026 specification for chamois leather

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