DEAS 862:2015

ICS

DRAFT EAST AFRICAN STANDARD

Facial tissue paper — Specification

EAST AFRICAN COMMUNITY

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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.

In order to achieve this objective, the Community established an East African Standards Committee mandated to develop and issue East African Standards.

The Committee is composed of representatives of the National Standards Bodies in Partner States, together with the representatives from the private sectors and consumer organizations. 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 procedures of the Community.

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.

This Draft East African Standard, DEAS 862:2015 was prepared by Technical Committee EASC//TC/065 Paper and paper products., The Committee is composed of representatives from National Standards Bodies, regulators and academia, together with the representatives from the private sector and consumer organizations in Partner States.

Facial tissue paper — Specification

1 Scope

This Draft East African Standard specifies the requirements, methods of sampling and test for facial tissue paper in sheet form for facial hygiene.

2 Normative references

The following reference documents are indispensable for the application of this Draft East African Standard. The latest edition of the document shall be used.

ISO 12625-4; *Tissue paper and tissue products -- Part 4: Determination of tensile strength, stretch at break and tensile energy absorption*

ISO 12625-5; *Tissue paper and tissue products -- Part 5: Determination of wet tensile strength*

ISO 12625-6; *Tissue paper and tissue products -- Part 6: Determination of grammage*

ISO 6588-2:2012 Paper, board and pulps -- determination of pH of aqueous extracts -- Part 2: Hot extraction

ISO 287:2009 Paper and board -- Determination of moisture content of a lot -- Oven-drying method

ISO 12625-8:2010-Tissue paper and tissue products part -8: Water absorption time and water capacity, basket immersion test method.

ISO 2470, Paper, board and pulps – Measurement of diffuse blue reflectance factor (ISO brightness).

3 Definitions

For the purposes of this Draft East African Standard the following definitions shall apply:

3.1
defective
a box, a holder, a sheet, or a test unit whose average property has been determined, that fails in one or more respects to comply with the relevant requirements of the specification

3.2
Cross Direction (CD)
the direction of the paper at right angles to the machine direction

3.3
Machine Direction (MD)
the direction of the paper corresponding to the direction of flow of the stuff on the paper machine

3.4
holder
a container in which at least 10 sheets of facial tissues of the same dimensions are packed

3.5
lot
the aggregate of facial tissue paper of a single kind and size and having same or different colours. A lot comprises of one or more similar cartons, each of which contains one, or more packages or boxes packed with facial tissue of the same kind

3.6
sheet
two or more plies of facial tissue paper in rectangular form

3.7
test unit
a number of sheets taken for testing

3.8
hole
an area in a sheet void of fibres and having a diameter that is exceeding 2 mm.

3.9
consignment
consists of one or more lots

4 Requirements

4.1 General Requirements

4.1.1 Material

a) The facial tissue paper shall be made from virgin, blended or recycled pulp and shall be white or coloured. It shall be creped and highly absorbent and shall be acceptably free from defects such as abrasive particles, lint, fibre bundles, holes and specks. It may be perfumed.
b) All ingredients including dyes and other additives used in manufacture and packaging of Facial tissue paper should not cause irritation of the skin.

4.1.2 Hygiene

Facial tissue paper shall not at any time during manufacture and packing be exposed to conditions that do not conform to good hygienic practice.

4.3 Specific requirements

The facial tissue paper shall comply with the physical requirements given in Table 1.

Table 1 — Specific requirements for facial tissue paper

1	2	3
Property	Requirement	Test method
grammage per ply, g/m2, min.	13	ISO 12625-8
Tensile strength (N) dry, Min. M.D	 1.4	 ISO 12625-6

C.D	0.8	ISO 12625-4
M.D (wet) 4 plies	1.2	ISO 12625-5
Average brightness, %, min. (white facial tissues)	78	ISO 12625-7
Average pH value	5.5-8.5	ISO 6588-2
Moisture content, %	4.0-7.0	ISO 287
Water absorption, mm/min.	20	ISO 12625-8

4.4 Dimensional requirements

The size of the facial tissues shall be as given in Table 2.

Table 2 — Sheet dimensions

1	2	3
Types	**Min. sizes, mm**	**Min. number of sheets per pack**
i)	200*215	70
ii)	200*200	10
iii)	140*200	40

4.5 Freedom from holes

The average number of holes less than 2mm in diameter in sheets shall not exceed 10 per sheet.

4.6 Microbiological examination

Each facial tissue shall comply with microbial requirements in Table 3 below.

Table 3 — Microbial limits

Characteristic	Acceptable limit Count/gram	Test Method
Total plate count,cfu/g max.	300	ISO 8784-1

4.7 Sampling and compliance with specification[1)]

4.7.1 Sampling

The following sampling procedure shall be applied in determining whether a lot complies with the relevant requirements of the specification. The samples so drawn shall be deemed to represent the lot.

1) This section applies to the sampling for inspection and testing before acceptance or rejection of single lots (consignments) in cases where no information about the implementation of quality control or testing during manufacture is available to help in assessing the quality of the lot. It is also used as the procedure for adjudicating in cases of dispute.

4.7.1.1 Sample for inspection

From the lot draw at random the number of bulk packages given in Column 2 of Table 4 relative to the appropriate lot size given in Column 1. From the bulk packages so drawn take at random the number of holders given in Table 4; Column 3, taking an approximately equal number of holders from each bulk package.

4.7.1.2 Sample for tests

From the sample drawn in accordance with 4.7.1.1 take at random the number of holders given in Table 4; Column 4 relative to the appropriate lot size given in Column 1.

Table 4 — Table of sample for inspection and test

1	2	3	4
Lot size, holders	**Sample for visual inspection**		**Sample for test, holders**
	Bulk packages	**Holders**	
10 – 100	1	4	4
101 – 300	2	6	5
301 – 1000	4	8	6
1001 – 4000	6	12	7
4001 – 10000	8	16	8
More than 10,000	11	22	9

4.7.2 Compliance with specification

The lot shall be deemed to comply with the requirements of the specification if after inspection of the bulk packages and holders taken in accordance with 4.7.1.1 comply with the requirements given in Clause 4.

5 Packaging and marking

5.1 Packaging

Sheets of facial tissue shall be packed in a suitable holder that will protect them from contamination during transporation, handling and storage. The number of sheets for each size is given in column 3 of table 2 and shall not be less than the nominal quantity marked on the holder. Sheets of the same size shall be packed together in a holder.

5.2 Marking

5.2.1 Holders

The following information shall appear in legible and indelible marking on the outside of each holder:

a) name of the product;

b) manufacturers name and address;

c) registered trade mark,

d) perfumed if applicable;

e) number of plies

f) the number of sheets, size and colour (s) of the sheets (if more than one colour then the term multi colour may be used in lieu;

g) country of origin / manufacture.

5.2.2 Bulk packages

The following information shall be legibly and indelibly marked on the outside of each bulk package:

a) the information required in Clause 5.2.1 (a) to (f);

b) the quantity of holders in the bulk package.

