Revisée

INTERNATIONAL STANDARD 2027

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Natural rubber latex evaporated, preserved — Specification

Latex de caoutchouc naturel évaporés, préservés — Spécifications

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FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up has the right to be represented on that Committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

Prior to 1972, the results of the work of the Technical Committees were published as ISO Recommendations; these documents are now in the process of being transformed into International Standards. As part of this process, Technical Committee ISO/TC 45 has reviewed ISO Recommendation R 2027 and found it suitable for transformation. International Standard ISO 2027 therefore replaces ISO Recommendation R 2027-1971.

ISO Recommendation R 2027 was approved by the Member Bodies of the following countries :

Australia	India	Switzerland
Austria	Israel	Thailand
Egypt, Arab Rep. of	New Zealand	Turkey
France	South Africa, Rep. of	United Kingdom
Germany	Spain	U.S.A.
Greece	Sri Lanka	U.S.S.R.
Hungary	Sweden	

The Member Body of the following country has subsequently approved this Recommendation :

Philippines

No Member Body expressed disapproval of the Recommendation.

No Member Body disapproved the transformation of ISO/R 2027 into an International Standard.

Printed in Switzerland

Natural rubber latex, evaporated, preserved — Specification

1 SCOPE AND FIELD OF APPLICATION

This International Standard gives specifications for natural rubber latices which have been concentrated by evaporation. It does not apply to natural rubber latices which have been concentrated by centrifuging or creaming. Nor does it apply to latices from natural sources other than *Hevea brasiliensis,* or to compounded latex or vulcanized latex.

This International Standard covers requirements for evaporated natural rubber latices of the following types :

NR latex, type HA evaporated. Evaporated latex preserved with ammonia only or with ammonia together with other preservative(s), with an alkalinity of a least 1,5 %.

NR latex, type KHS evaporated. Evaporated latex preserved with potassium hydroxide and having a nominal total solids content of 73 %.

NR latex, type KLS evaporated. Evaporated latex preserved with potassium hydroxide and having a nominal total solids content of 68 %.

2 REFERENCES

ISO 35, *Natural rubber latex — Determination of mechanical stability.*

ISO 123, *Rubber latex — Sampling.*

ISO 124, *Rubber latex — Determination of total solids content.*[1)]

ISO 125, *Natural rubber latex — Determination of alkalinity.*[1)]

ISO 126, *Natural rubber latex — Determination of dry rubber content.*

ISO 506, *Natural rubber latex — Determination of volatile fatty acid number.*[1)]

ISO 706, *Rubber latex — Determination of coagulum content.*[1)]

ISO 1654, *Raw rubber and rubber latex — Determination of copper.*

ISO 1655, *Raw rubber and rubber latex — Determination of manganese.*

ISO 2005, *Natural rubber latex — Determination of sludge content.*

3 REQUIREMENTS

The latex shall conform to the requirements given in the table.

In the case of *NR latex, type HA evaporated,* the type and approximate quantity of any preservative(s) other than ammonia or formaldehyde shall be stated. *NR latex, type HA evaporated* shall not contain fixed alkali added at any stage in its production.

4 SAMPLING

The latex shall be sampled by one of the methods specified in ISO 123.

1) At present at the stage of draft. Revision of ISO/R 124, 125, 506 and 706.