
**Natural rubber latex concentrate —
Centrifuged or creamed,
ammonia-preserved types — Specification**

*Latex concentré de caoutchouc naturel — Types centrifugés ou crévés,
préservés à l'ammoniaque — Spécifications*



Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 2004 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 3, *Raw materials (including latex) for use in the rubber industry*.

This fourth edition cancels and replaces the third edition (ISO 2004:1988), table 1 of which has been revised: colour and odour after neutralization with boric acid has been omitted from the requirements since they can only be judged subjectively.

© ISO 1997

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet central@iso.ch
X.400 c=ch; a=400net; p=iso; o=isocs; s=central

Printed in Switzerland

Natural rubber latex concentrate — Centrifuged or creamed, ammonia-preserved types — Specification

1 Scope

This International Standard gives specifications for natural rubber latex concentrate types which are preserved wholly or in part with ammonia and which have been produced by centrifuging or creaming.

This International Standard covers requirements for centrifuged and creamed natural rubber concentrates of the following types:

NR latex concentrate, type HA. Centrifuged latex preserved after concentration with ammonia only, with an alkalinity of at least 0,60 % (*m/m*) calculated with respect to the latex.

NR latex concentrate, type LA. Centrifuged latex preserved after concentration with ammonia together with other preservative(s), with an alkalinity of not more than 0,29 % (*m/m*) calculated with respect to the latex.

NR latex concentrate, type XA. Centrifuged latex preserved after concentration with ammonia together with other preservative(s), with an alkalinity of at least 0,30 % (*m/m*) calculated with respect to the latex.

NR latex concentrate, type HA, creamed. Creamed latex preserved after concentration with ammonia only, with an alkalinity of at least 0,55 % (*m/m*) calculated with respect to the latex.

NR latex concentrate, type LA, creamed. Creamed latex preserved after concentration with ammonia together with other preservative(s), with an alkalinity of not more than 0,35 % (*m/m*) calculated with respect to the latex.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 35:1995, *Latex rubber, natural, concentrate — Determination of mechanical stability.*

ISO 123:1985, *Rubber latex — Sampling.*

ISO 124:1997, *Latex, rubber — Determination of total solids content.*

ISO 125:1990, *Natural rubber latex concentrate — Determination of alkalinity.*

ISO 126:1995, *Latex, rubber, natural concentrate — Determination of dry rubber content.*