ISO 24698-2:2018 (E)

Rubber, raw — Determination of bound acrylonitrile content in acrylonitrile-butadiene rubber (NBR) — Part 2: Kjeldahl method

Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

4 Principle

5 Reagents and materials

6 Apparatus

7 Sampling, preparation of the sample for the determination and preparation of reagents

- 7.1 Raw NBR, XNBR or NBIR rubber
- 7.2 NBR Latex
- 7.3 Preparation of reagents

8 Procedure

9 Calculation of bound acrylonitrile content

- 9.1 When sulfuric acid (0,05 mol/dm3) is used as the standard volumetric solution
- 9.2 When hydrochloric acid (0,05 mol/dm3) is used as the standard volumetric solution

10 Precision

11 Test report

Annex A (informative) Examples of automatic analysers based on the Kjeldahl method

- A.1 General
- A.2 Examples of suitable automatic analysers1 1 These are examples of suitable equipment available commercially. This information is given for the convenience of users of this document and does not constitute an endorsement by ISO of this equipment.
- A.3 Examples of determination conditions

Annex B (informative) Precision on NBR

- B.1 General
- B.2 Precision results

Annex C (informative) Precision on NBR Latex

- C.1 General
- C.2 Precision results

Page count: 11