

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1795

SAMPLING OF RAW RUBBER IN BALES

1st EDITION

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BRIEF HISTORY

The ISO Recommendation R 1795, *Sampling of raw rubber in bales*, was drawn up by Technical Committee ISO/TC 45, *Rubber*, the Secretariat of which is held by the British Standards Institution (BSI).

Work on this question led to the adoption of Draft ISO Recommendation No. 1795, which was circulated to all the ISO Member Bodies for enquiry in February 1969. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Australia	Hungary	Spain
Austria	India	Sweden
Brazil	Iran	Switzerland
Canada	Israel	Turkey
Ceylon	Italy	U.A.R.
Chile	Netherlands	United Kingdom
Czechoslovakia	New Zealand	U.S.A.
France	Peru	U.S.S.R.
Germany	Poland	
Greece	South Africa, Rep. of	

No Member Body opposed the approval of the Draft.

This Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided to accept it as an ISO RECOMMENDATION.

FOREWORD

This ISO Recommendation supersedes sections 1 to 4 of ISO Recommendation R 250, *Sampling of raw natural rubber*.

Section 5 of ISO Recommendation R 250 will be replaced by ISO Recommendation R 1796, *Sample preparation of raw rubber*.

SAMPLING OF RAW RUBBER IN BALES

1. SCOPE

This ISO Recommendation describes the consumer sampling of raw rubber in bales. The sampling plan is intended primarily for referee purposes and is optional for quality control of production.

2. DEFINITIONS

2.1 *Lot.* An assembly of bales of rubber bearing the same grade and lot marks.

2.2 *Sample.* A group of bales selected to represent the lot.

2.3 *Piece.* The rubber taken from a bale of the sample to represent the bale.

3. METHOD OF SELECTING THE SAMPLE

The greater the number of bales in the sample the more representative is the sample of the lot, but in most cases practical considerations impose a limit on what is possible.

The number of bales chosen at random should be in accordance with the following table :

Number of bales in lot	Number of bales in sample
less than 40	4
from 40 to 100	7
more than 100	10

Each bale forming the sample should be tested and reported upon separately.

4. METHOD OF TAKING THE PIECE

A piece or pieces should be taken from the selected bale by cuts without the use of lubricant, through the entire bale, normal to the surfaces of largest area of the bale for block forms of rubber, and normal to the surface of rubber sheets for other types. The outer wrapping sheets, polyethylene wrapping, bale coating, or other surface material should be removed from the piece or pieces in the sample.

The total mass of the piece or pieces should be between 600 and 1500 g depending on the tests to be carried out.

Unless the piece is immediately tested, it should be placed in an air-tight container of not more than twice the volume of the piece, or wrapped in two layers of aluminium foil, until required.