

INTERNATIONAL  
STANDARD

**ISO**  
**801-3**

First edition  
1994-08-01

Corrected and reprinted  
1996-06-15

---

---

**Pulps — Determination of saleable mass in  
lots —**

**Part 3:**  
Unitized bales

*Pâtes — Détermination de la masse marchande des lots —  
Partie 3: Ballots*



Reference number  
ISO 801-3:1994(E)

## 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 801-3 was prepared by Technical Committee ISO/TC 6, *Paper, board and pulps*, Subcommittee SC 5, *Test methods and quality specifications for pulp*.

ISO 801 consists of the following parts, under the general title *Pulps — Determination of saleable mass in lots*:

- Part 1: *Pulp baled in sheet form*
- Part 2: *Pulps (such as flash-dried pulps) baled in slabs*
- Part 3: *Unitized bales*

Annexes A and B of this part of ISO 801 are for information only.

© ISO 1994

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

Printed in Switzerland

# Pulps — Determination of saleable mass in lots —

## Part 3: Unitized bales

### 1 Scope

This part of ISO 801 specifies a method of determining the dryness of a lot of pulp baled in sheet form and shipped as unitized bales, and for calculating its saleable mass.

This method is applicable to all kinds of pulp baled in sheet form and shipped as unitized bales. It does not apply to pulp baled in lots in slab form or to pulp shipped as single bales.

An example of a full certificate of analysis and related calculations is given in annex A. Annex B gives details of equipment for marking the position of specimen sheets in sample bales.

### 2 Definitions

For the purposes of this part of ISO 801, the following definitions apply.

**2.1 lot:** The total number of unitized bales of the same sort of pulp of specific characteristics.

The number of unitized bales comprising a lot is indicated by the invoice or by agreement between the interested parties.

A lot of unitized bales of pulp is said to be "with specification" if it is accompanied by a certificate of origin stating for each bale unit either

— its gross mass (2.4) and its absolute dryness (2.6),

or

— its saleable mass (2.9).

**2.2 unit:** A set of bales strapped together. Usually a unit (unitized bale) consists of eight individual bales, each having its own wrappings and wires, strapped together with steel bands to facilitate shipping and handling.

**2.3 bale:** An individually strapped package of pulp sheets.

**2.4 gross mass:** The total mass of a bale, a unit, a part of a lot or a lot comprising

— contents;

— wrappers (pulp — paper);

— packaging wires or strappings of individual bales.

**2.5 oven-dry mass:** The mass obtained on drying pulp at  $105\text{ °C} \pm 2\text{ °C}$ , until constant mass is reached.

**2.6 absolute dryness:** The ratio of the oven-dry mass (2.5) of the pulp to its initial mass, expressed as a percentage.

**2.7 air-dry mass:** The mass of the pulp when its moisture content is in equilibrium with the ambient atmosphere.