
International Standard



7213

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Pulps — Sampling for testing

Pâtes — Échantillonnage pour essais

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Descriptors : paper pulps, sampling.

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.

International Standard ISO 7213 was developed by Technical Committee ISO/TC 6, *Paper, board and pulps*, and was circulated to the member bodies in November 1980.

It has been approved by the member bodies of the following countries :

Australia	Finland	New Zealand
Austria	France	Norway
Belgium	Germany, F. R.	Poland
Brazil	Hungary	Romania
Bulgaria	India	South Africa, Rep. of
Canada	Iraq	Sweden
Chile	Italy	Switzerland
China	Kenya	Turkey
Czechoslovakia	Korea, Rep. of	United Kingdom
Egypt, Arab Rep. of	Netherlands	USA

No member body expressed disapproval of the document.

Pulps — Sampling for testing

1 Scope and field of application

This International Standard specifies a method of obtaining, for test purposes, a gross sample representative of a certain lot of pulp. This International Standard applies to all kinds of pulp delivered in bales or rolls. It is recommended for use when sampling for all kinds of testing purposes except for the determination of saleable mass, in which case other International Standards should be applied, such as ISO 801/1 or ISO 801/2.

If, however, the pulp is to be tested for saleable mass in addition to other properties, the gross sample obtained according to the appropriate International Standard for sampling saleable mass may also be used for the other pulp property tests.

2 References

ISO 801, *Pulps — Determination of saleable mass, in lots —*

Part 1 : Pulp baled in sheet form.

Part 2 : Pulps (such as flash-dried pulp) baled in slabs.

3 Definitions

For the purpose of this International Standard, the following definitions apply.

3.1 lot : A quantity of pulp of a single kind or grade, about which it is desired to make a judgement (usually to conform to agreed quality criteria).

The number of bales or rolls comprising a lot may be indicated by the invoice or agreed upon by the contracting parties.

3.2 sample bale (or roll) : A bale or roll that is selected for taking a specimen.

3.3 specimen : A quantity of pulp taken from a sample bale or roll.

3.4 gross sample : The combined specimens taken from a particular lot.

4 Principle

Specimens of equal size are taken from a number of bales or rolls selected at random from the lot, and combined to form a gross sample.

NOTE — The minimum number of bales to be sampled depends on the size of the lot.

5 Sample bales (or rolls)

All the sample bales or rolls shall be selected at random to be representative of the lot. The sample bales shall be intact and as little damaged as possible.

To obtain a truly representative sample, the whole lot should be available for sampling. The minimum number of sample bales or rolls to be taken, n , is given in the table below. Where a whole lot is not available, the number of bales selected for sampling should be agreed upon between the interested parties. In the absence of any other agreement, the quantity of pulp available at the time of sampling shall be not less than half of the complete lot.