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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION

R 2030

GRANULATED CORK

GRANULE SIZE TEST

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BRIEF HISTORY

The ISO Recommendation R 2030, *Granulated cork – Granule size test*, was drawn up by Technical Committee ISO/TC 87, *Cork*, the Secretariat of which is held by the Repartição de Normalização (IGPAI).

Work on this question led to the adoption of Draft ISO Recommendation No. 2030, which was circulated to all the ISO Member Bodies for enquiry in June 1970. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Bulgaria
Czechoslovakia
France
Greece

Iran
Italy
Portugal
South Africa, Rep. of

Spain
U.A.R.
United Kingdom

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.

GRANULATED CORK

GRANULE SIZE TEST

1. SCOPE

This ISO Recommendation specifies the method of determination of granule size of granulated cork.

2. APPARATUS

2.1 *Screening column*, comprising :

2.1.1 A cover which must fit the sieves perfectly (see clauses 2.1.2 and 2.1.3).

2.1.2 Four sieves 200 mm in diameter, mesh corresponding to the largest size, the medium size and the smallest size of the class of granulated cork being tested and to the powder (250 μ m).*

2.1.3 A base which must fit the sieves perfectly (see clause 2.1.2).

2.2 *Vibrator*, capable of producing 300 vertical vibrations of 5 mm amplitude per minute and having a rotating speed of 1 rev/min.

2.3 *Balance*, accuracy 0.1 g, capacity 2 kg.

3. SAMPLING

Operate as prescribed in ISO Recommendation R 2067, *Granulated cork – Sampling*.

4. PROCEDURE

4.1 **Preparation of sample**

Condition the sample for 24 hours in an oven at a temperature of 20 ± 2 °C and a relative humidity of 65 ± 5 %.

4.2 **Test portion**

Take three test portions of 50 g each at random from the sample and weigh them on the balance (2.3).

4.3 **Determination**

Fit together the screening column (2.1), lift the cover (2.1.1), place a test portion in the upper sieve (2.1.2) of the column and replace the cover. Place the screening column on the vibrator (2.2) and let the latter run for 5 minutes; then weigh on the balance (2.3) the quantities of granulated cork held in each sieve (2.1.2) as well as the quantity gathered at the base (2.1.3).

Carry out three tests, each time with a different test portion.

* See ISO Recommendation R 1997, *Granulated cork and cork powder – Specifications*.