

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION

R 812

METHOD OF TEST FOR TEMPERATURE LIMIT OF BRITTLINESS FOR VULCANIZED RUBBERS

1st EDITION

September 1968

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Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations.

BRIEF HISTORY

The ISO Recommendation R 812, *Method of test for temperature limit of brittleness for vulcanized rubbers*, 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 by the Technical Committee led, in 1962, to the adoption of a Draft ISO Recommendation.

In November 1963, this Draft ISO Recommendation (No. 613) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Argentina	Germany	Poland
Australia	Hungary	Spain
Austria	India	Sweden
Brazil	Israel	Switzerland
Canada	Italy	United Kingdom
Chile	Japan	U.S.A.
Colombia	Korea, Rep. of	U.S.S.R.
Czechoslovakia	Netherlands	Yugoslavia
France	New Zealand	

No Member Body opposed the approval of the Draft.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in September 1968, to accept it as an ISO RECOMMENDATION.

FOREWORD

Amendment 1 to ISO Recommendation R 812-1968 was drawn up by Technical Committee ISO/TC 45, *Rubber and rubber products*. As the Members of ISO/TC 45 considered the modifications made to that ISO Recommendation to be of minor importance, this amendment was submitted direct to the ISO Council under the abbreviated procedure set forth in clause F.7.1 of the Directives for the technical work of ISO.

Amendment 1 – June 1972 – to ISO Recommendation R 812-1968

Amendment 1 to ISO Recommendation R 812-1968

METHOD OF TEST FOR TEMPERATURE LIMIT OF BRITTLINESS FOR VULCANIZED RUBBERS

Section 3 : delete the second paragraph and the Note.

Section 4 : clause 4.1.2, delete the second paragraph and replace with the following text :

“A minimum of 6 mm of the length of the test piece (the tab end for type B test pieces) should be held in the clamp.

A minimum of four test pieces should be tested. The number of test pieces that may be tested during any one impact is limited by the energy capacity of the apparatus and should not cause the rectilinear speed of the striker immediately after the impact to fall below 1.83 m/s.”

Number the note after clause 4.1.2 as “1.” and add a second note :

“2. Four type A test pieces require the same available energy as ten type B test pieces.

For some materials and apparatus it may be necessary to test, at any one impact, a reduced number of test pieces in order to maintain the required rectilinear speed of the striker, immediately after the impact.”

Section 5 : add the following new item :

“(f) The number of test pieces of any given sample tested at a single impact.”
