Doc: PCD 13(27904) WC
ISO 2000:2020
April 2025

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा

रबर, कच्चा प्राकृतिक - तकनीकी रूप से निर्दिष्ट रबर (टीएसआर) के विनिर्देशन के लिए दिशानिर्देश

Draft Indian Standard

Rubber, raw natural — Guidelines for the specification of technically specified rubber (TSR)

(ICS No. 83.040.10)

Rubber and Rubber Products Sectional Committee, PCD 13	Last date for receipt of comment is **21 June 2025**

NATIONAL FOREWORD

(*Formal clauses will be added later*)

This standard has been undertaken to align it with the latest version of ISO 2000:2020 in dual numbering system to make pace with latest developments that have taken place at international level.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions and terminologies are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.

b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

International Standard	*Corresponding Indian Standard*	*Degree of Equivalence*

ISO 289-1, Rubber, unvulcanized — Determinations using a shearing-disc viscometer — Part 1: Determination of Mooney viscosity	IS 3660 (Part 7) : 2013/ISO 289-1 : 2005 Methods of test for natural rubber Part 7 Determination of mooney viscosity [NR : 8] (*third revision*)	Identical
ISO 1656, Rubber, raw natural, and rubber latex, natural — Determination of nitrogen content	IS 3708 (Part 8) : 2018/ISO 1656 : 2014 Methods of test for natural rubber latex Part 8 Rubber, raw natural and rubber latex, natural — Determination of nitrogen content (*third revision*)	Identical
ISO 2007, Rubber, unvulcanized — Determination of plasticity — Rapid-plastimeter method	IS 3660 (Part 11) : 2017/ISO 2007 : 2007 Methods of test for natural rubber Part 11 Determination of plasticity — Rapid-plastimeter method[NR : 12](*second revision*)	Identical
ISO 2930, Rubber, raw natural — Determination of plasticity retention index (PRI)	IS 3660 (Part 12) : 2022/ ISO 2930 :2017 Methods of test for natural rubber Part 12 Determination of plasticity retention index (PRI) [Nr : 13] (*third revision*)	Identical
ISO 4660, Rubber, raw natural — Colour index test	IS 3660 (Part 13) : 2023/ISO 4660 : 2020 Methods of test for natural rubber Part 13 Determination of colour (*second revision*)	Identical

The committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with these standard:

International Standard	*Title*
ISO 247-1	Rubber — Determination of ash — Part 1: Combustion method
ISO 248-1	Rubber, raw — Determination of volatile-matter content — Part 1: Hot-mill method and oven method
ISO 249	Rubber, raw natural — Determination of dirt content
ISO 1795	Rubber, raw natural and raw synthetic — Sampling and further preparative procedures
ISO 17278	Rubber, raw natural — Determination of the gel content of technically specified rubber (TSR)

ISO 20299-2	Film for wrapping rubber bales — Part 2: Natural rubber

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2: 2022 'Rules for rounding off numerical values (*second revision*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

NOTE — The technical content of the document is not available on website. For details, please refer the corresponding ISO 2000 : 2020 or kindly contact:

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