

SRI LANKA STANDARD 1288: 2019
(ISO 1658: 2015)
UDC 678.47

**METHODS OF TESTING FOR
NATURAL RUBBER (NR) -
EVALUATION PROCEDURE**
(First Revision)

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard
METHODS OF TESTING FOR NATURAL RUBBER (NR)-
EVALUATION PROCEDURE
(First Revision)

SLS 1288: 2019
(ISO 1658: 2015)

Gr. J

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NATIONAL FOREWORD

This Standard was approved by the Sectoral Committee on Chemical and Polymer Technology and authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2019-10-22

This Sri Lanka Standard was first published in 2006 as an adoption of **ISO 1658: 1994**. The text of the above International Standard has been technically revised in 2015 as **ISO 1658: 2015** Natural rubber (NR) - Evaluation procedure. The International Standard **ISO 1658: 2015** has been accepted for adoption as the First Revision of SLS 1288.

This Sri Lanka Standard is identical with **ISO 1658: 2015**, published by the International Organization for Standardization (ISO).

ISO 1658: 2015 specifies physical and chemical tests on raw natural rubbers and standard materials, standard test formulae, equipment and processing methods for evaluating the vulcanization characteristics of natural rubber(NR).

TERMINOLOGY AND CONVENTIONS

The text of the International Standard has been accepted as suitable for publication, without deviation, as a Sri Lanka Standard. However, certain terminology and conventions are not identical with those used in Sri Lanka Standards. Attention is therefore drawn to the following:

- a) Wherever the words “International Standard” appear referring to a particular Standard they should be interpreted as “Sri Lanka Standard”.
- b) The comma has been used throughout as a decimal marker. In Sri Lanka Standards it is the current practice to use the full point at the base as the decimal marker.
- c) Wherever page numbers are quoted, they are ISO page numbers.

Cross References

International Standard

Corresponding Sri Lanka Standard

ISO 37, Rubber, vulcanized or thermoplastic -
Determination of tensile stress-strain properties

SLS 297 Part 2, Method of testing
vulcanized rubber - Determination of
tensile stress-strain properties

ISO 248-1, Rubber, raw - Determination of
volatile-matter content - Part 1: Hot-mill method
and oven method

SLS 484 Part 10, Methods of test for raw
natural rubber - Determination of volatile -
matter content by hot-mill method and
oven method

ISO 289-1, Rubber, unvulcanised -Determinations
using a shearing-disc viscometer - Part 1:
Determination of Mooney viscosity

SLS 484 Part 8, Methods of test for raw
natural rubber - Determination of Mooney
viscosity

ISO 1795, Rubber, raw natural and raw synthetic -
Sampling and further preparative procedures

SLS 1297 Method of Sampling and further
preparative procedures for rubber, raw
natural and raw synthetic

ISO 2000:2014, Rubber, raw natural - Guidelines
for the specification of technically specified rubber
(TSR)

No corresponding Sri Lanka Standard

ISO 2007, Rubber, unvulcanized - Determination
of plasticity - Rapid-plastimeter method

SLS 484 Part 5, Methods of test for raw
natural rubber Determination of plasticity

ISO 2393, Rubber test mixes - Preparation, mixing
and vulcanization - Equipment and procedures

No corresponding Sri Lanka Standard

ISO 3417, Rubber -Measurement of vulcanization
characteristics with the oscillating disc curemeter

No corresponding Sri Lanka Standard

ISO 6502, Rubber - Guide to the use of curemeters

No corresponding Sri Lanka Standard

ISO 23529, Rubber - General procedures for
repairing and conditioning test pieces for physical
test methods

SLS 1323 Part 1, Temperatures,
humidities and times for the conditioning
and testing of rubber - General procedures
for preparing and conditioning test pieces
for physical test methods

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INTERNATIONAL
STANDARD

SLS 1288: 2019

ISO
1658

Fourth edition
2015-08-01

**Natural rubber (NR) — Evaluation
procedure**

Caoutchouc naturel (NR) — Méthode d'évaluation



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