

SRI LANKA STANDARD 72 : 1985

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**SPECIFICATION FOR
TECHNICALLY SPECIFIED RAW NATURAL RUBBER
(THIRD REVISION)**

SRI LANKA STANDARDS INSTITUTION

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NATURAL RUBBER
(THIRD REVISION)

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SRI LANKA STANDARDS INSTITUTION

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FOREWORD

This Sri Lanka Standard was authorized for adoption and publication by the Council of the Sri Lanka Standards Institution on 1985-11-20, after the draft, finalized by the Drafting Committee on Natural Rubber, had been approved by the Technical Advisory Committee on Rubber and Rubber Products and the Chemicals Divisional Committee.

This specification was first published in 1970 and the first revision was made in 1973 with a view to bringing the specification in line with international trends at that time. Requirements for copper and manganese were deleted, as an international test programme showed that plasticity retention index (PRI) adequately indicates any potential oxidizability of raw rubber, should harmful copper and manganese be present. A producer limit was also introduced for PRI. Two new grades, SLR 5L and 10 were introduced. For the light coloured grade SLR 5L, a requirement on maximum Lovibond colour index was specified. The limit for nitrogen was lowered from 0.7 to 0.65 and a colour code on marking of bales was also introduced.

The second revision (1979) was necessitated as consumers wanted their rubber to process consistently in the various operations of mastication, mixing, extrusion and vulcanization. To achieve this, it was important to identify the source of raw material from which a particular grade is produced and also make firm restriction on indiscriminate down-grading. In this specification, a group of grades could only be made from a particular type of raw material, either latex crepe, latex sheet material, field grade material or field coagula and thus no indiscriminate down grading between any two types could be made. Down-grading could be made only within a particular type.

One of the improvements from the specification published in 1973 was that, from a particular grade the source of its raw material could be clearly identified.

In this third revision latex crepe grades designated as EQ(LC), 5WC(LC) and latex grades designated as WF and 5WF have been deleted, while viscosity stabilized rubber (CV) grades have been introduced.