

SRI LANKA STANDARD 137 PART 1 : 2000
UDC 677.21.061

**SPECIFICATION FOR
GREY COTTON YARN
PART 1: FOR POWERLOOM
(SECOND REVISION)**

SRI LANKA STANDARDS INSTITUTION

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SLS 137 : Part 1: 2000

Gr. 6

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FOREWORD

This standard was approved by the Sectoral Committee on Textiles, Clothing and Leather and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2000-07-27.

This standard is the revision of SLS 137 : Part 1 : 1980. Part 2 and Part 3 of this standard cover handloom and knitting industry requirements. In this Revision definitions of grey cotton yarn and tenacity are included. Requirement for moisture regain is included. Rewinding test has been deleted. Packaging and marking clauses are amended to be in line with current practices.

For the purpose of deciding whether a particular requirement of this specification is complied with, the final value, observed or calculated, expressing the result of a test or an analysis, shall be rounded off in accordance with CS 102. The number of significant places retained in the rounded off value shall be the same as that of the specified value in this specification.

Guidelines for the determination of compliance of a lot with the requirements of this standard based on statistical sampling and inspection are given in Appendix A.

In the preparation of this standard the assistance derived from the following publications is gratefully acknowledged:

ISO 10290 : 1993 Cotton yarns - Specification
IS 171 : 1993 Ring Spun Grey Cotton Yarn For Weaving

1 SCOPE

This specification prescribes the requirements and methods of test for grey cotton yarns (single and doubled) intended for use in powerlooms.

2 REFERENCES

SLS 17 Moisture content in textile materials
SLS 20 Determination of the size of yarns
SLS 22 Breaking force and elongation at break of yarn
SLS 23 Twist in yarns - Direct counting method
CS 102 Presentation of numerical values
SLS 428 Random sampling methods