

SRI LANKA STANDARD 560 : 1982

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**METHOD FOR
THE DETERMINATION OF
STRENGTH PARAMETERS OF
YARNS BY SKEIN METHOD**

BUREAU OF CEYLON STANDARDS

METHOD FOR THE DETERMINATION OF STRENGTH
PARAMETERS OF YARNS BY SKEIN METHOD

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(Superseding CS 24:1968)

Gr. 5

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PARAMETERS OF YARNS BY SKEIN METHOD

FOREWORD

This Sri Lanka Standard was authorized for adoption and publication by the Council of the Bureau of Ceylon Standards on 1982-05-24 after the draft, finalized by the Drafting Committee on Test methods for textiles had been approved by the Textiles Divisional Committee.

This standard supersedes CS 24 : 1968 Determination of lea strength and lea count of spun yarns, which covered the strength parameters in the indirect system only. The scope of the present standard had been widened to include the strength parameters in the direct system also, namely, the skein breaking tenacity and the yarn strength index.

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 CS 102. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

In the preparation of this standard, the assistance obtained from the publications of the Indian Standards Institution and the Annual Book of the American Society for Testing and Materials (ASTM) Standards is gratefully acknowledged.

1 SCOPE

This standard describes a method for the determination of the breaking strength of yarn in skein form. Equations are also provided in this to calculate the skein breaking tenacity, yarn strength index and count strength product.

This method is not suitable for yarns that stretch more than 5 per cent when the force is increased from 2.5 mN/tex to 7.5 mN/tex or 0.25 cN/tex to 0.75 cN/tex.