

(PREVIEW)

*Indian Standard***METHODS FOR SAMPLING
COTTON FABRICS FOR DETERMINATION
OF PHYSICAL CHARACTERISTICS****0. FOREWORD**

0.1 This Indian Standard was adopted by the Indian Standards Institution on 22 December 1966, after the draft finalized by the Sampling Methods Sectional Committee had been approved by the Textile Division Council.

0.2 The increase in indigenous production and export of cotton fabrics has made it imperative to evolve sound sampling procedures for objective and economic evaluation of physical characteristics of cotton fabrics. For this purpose, extensive amount of information had been collected from the different textile mills and research organizations in the country and the inherent variability of various characteristics ascertained. This standard recommends the number of tests as obtained on the basis of the resulting data for determining various characteristics with a specified degree of accuracy.

0.3 In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS : 2-1960*.

1. SCOPE

1.1 This standard prescribes the methods for sampling of cotton fabrics for determination of physical characteristics, namely, ends, picks, width, length, thickness, weight, breaking load and bursting strength. It specifies the number of tests that should be made for each characteristic. It also lays down the criteria for ascertaining the conformity of the fabrics to the specified requirements for the characteristics.

*Rules for rounding off numerical values (*revised*).