

Indian Standard
**SPECIFICATION FOR
CHROME RETAN FINISHED UPPER LEATHER**

0. FOREWORD

0.1 This Indian Standard (First Revision) was adopted by the Indian Standards Institution on 15 January 1973, after the draft finalized by the Leather Sectional Committee had been approved by the Chemical Division Council.

0.2 This standard was originally published in 1964. In this revision, values for solvent extractable substance, chromium content, hide substance, tensile strength and elongation have been modified. Requirements for grain strength has been omitted and flexural endurance (bally) test has been introduced. A list of recommended fungicidal additives has also been included for guidance of the manufacturers.

0.3 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 IS : 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard prescribes the requirements and the methods of sampling and test for chrome retan finished leather for footwear uppers involving only partial retannage.

1.1.1 This standard covers only such leathers as are partially or completely tanned with basic chromium salts initially, followed by retannage, including mordanting with vegetable or synthetic tanning materials or in combination with both of these materials.

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

†Glossary of terms relating to hides, skins and leather.