***भारतीय मानक***

***Indian Standard***

**IS/ ISO 105-C12:2024**

वस्त्रादि — रंग के पक्केपन का परीक्षण — भाग **C12**: औद्योगिक लॉन्ड्रिंग के प्रति रंग का पक्कापन

(ISO 105-C12:2024, संशोधित)

**Textiles — Tests for Colour Fastness**

**— Part C12: Colour Fastness to Industrial Laundering**

(ISO 105-C12:2024, MOD)

ICS 59.080.01

© BIS 2024

© ISO 2024

भारतीय मानक ब्यूरो

BUREAU OF INDIAN STANDARDS

मानक भवन, 9 बहादुर शाह ज़फर मार्ग, नई दिल्ली - 110002

MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG

NEW DELHI - 110002

[www.bis.gov.in](http://www.bis.org.in) [www.standardsbis.in](http://www.standardsbis.in)

**XXXX 2024 Price Group X**

Chemical Methods of Test Sectional Committee, TXD 05

NATIONAL FOREWORD

This Indian Standard (Part C12) which is modified adoption of ISO 105-C12:2024 ‘Textiles Tests for colour fastness — Part C12: Colour fastness to industrial laundering’ issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on the recommendation of the Chemical Methods of Test Sectional Committee and approval of the Textiles Division Council.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

* 1. Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
  2. Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standard for which Indian Standard also exist. The corresponding Indian Standards which are to be substituted in their respective places are listed below along with their degree of equivalence for the editions indicated:

|  |  |  |
| --- | --- | --- |
| *International Standard* | *Corresponding Indian Standard* | *Degree of*  *Equivalence* |
| ISO 105-A01, Textiles — Tests for colour fastness — Part A01: General principles of testing | IS/ISO 105-A01 : 2010  Textiles — Tests for colour fastness Part A01 General principles of testing (*first revision*) | Identical with ISO 105-A01: 2010. |
| ISO 105-A02, Textiles — Tests for colour fastness — Part A02: Grey scale for assessing change in colour | IS/1SO 105-A02 : 1993  Textiles — Tests for colour fastness Part A02 Grey scale for assessing change in colour | Identical with ISO 105-A02 : 1993. |
| ISO 105-A03, Textiles — Tests for colour fastness — Part A03: Grey scale for assessing staining | IS/ISO 105 - A03 : 2019 Textiles —  Tests for colour fastness Part A03 Grey scale for assessing staining (*first revision*) | Identical With ISO 105 -A03 : 2019 |
| ISO 105-A04, Textiles — Tests for colour fastness — Part A04: Method for the instrumental assessment of the degree of staining of adjacent fabrics | IS/ISO 105-A04 : 1989  Textiles — Tests for colour fastness Part A04 Method for the instrumental assessment of the degree of staining of adjacent fabrics | Identical With ISO 105-A04 : 1989 |
| ISO 105-A05, Textiles — Tests for colour fastness — Part A05: Instrumental assessment of change in colour for determination of grey scale rating | IS/ISO 105-A05 : 1996  Textiles — Tests for colour fastness Part A05 Instrumental assessment of change in determination of grey scale rating | Identical with ISO 105-A05 : 1996. |
| ISO 105-F02, Textiles — Tests for colour fastness — Part F02: Specification for cotton and viscose adjacent fabrics | IS/ISO 105-F02 : 2009  Textiles — Tests for colour fastness Part F02 Specification for cotton and viscose adjacent fabrics | Identical with ISO 105-F02 : 2009. |
| ISO 105-F04, Textiles — Tests for colour fastness — Part F04: Specification for polyester adjacent fabric | IS/ISO 105-F04 : 2001  Textiles — Tests for colour fastness Part F04 Specification for polyester adjacent fabric | Identical with ISO 105-F04 : 2001. |
| ISO 105-F10, Textiles — Tests for colour fastness — Part F10: Specification for adjacent fabric: Multifibre | IS/ISO 105-F10 : 1989  Textiles — Tests for colour fastness Part F10 Specification for adjacent fabric multi fibre | Identical with ISO 105-F10 : 2001. |
| ISO 139, Textiles — Standard atmospheres for conditioning and testing | IS 6359 : 2023  Method for conditioning of textiles (*first revision*) | Technically Equivalent |
| ISO 3696, Water for analytical laboratory use — Specification and test methods | IS 1070 : 2023  Reagent grade water  — Specification (*fourth revision*) | Technically Equivalent |

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: 2022 ‘Rules for rounding off numerical values (*second revision*).