

# JIS

JAPANESE  
INDUSTRIAL  
STANDARD

Translated and Published by  
Japanese Standards Association

---

---

**JIS L 0888** : 2018

(SWTF/JSA)

**Test methods for colour fastness to  
light and perspiration**

---

ICS 59.080.01

Reference number : **JIS L 0888 : 2018 (E)**

L 0888 : 2018

Date of Establishment: 1977-12-01

Date of Revision: 2018-03-20

Date of Public Notice in Official Gazette: 2018-03-20

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

Technical Committee on Consumer Life Products

---

JIS L 0888:2018, First English edition published in 2019-02

Translated and published by: Japanese Standards Association  
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

---

In the event of any doubts arising as to the contents,  
the original JIS is to be the final authority.

© JSA 2019

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

AT

PROTECTED BY COPYRIGHT

## Contents

	Page
Introduction .....	1
1 Scope .....	1
2 Normative references .....	1
3 Terms and definitions .....	2
4 Principle .....	2
5 Test methods .....	2
6 Apparatus and materials .....	3
7 Test specimen .....	4
8 Artificial perspiration solutions .....	4
8.1 General .....	4
8.2 Types of artificial perspiration solutions .....	4
8.3 Preparation of artificial perspiration solutions .....	4
9 Procedure .....	5
9.1 Method A .....	5
9.2 Method B .....	6
10 Evaluation .....	6
11 Test report .....	6
Annex A (normative) Method C .....	10
Annex JA (informative) Comparison table between JIS and corresponding International Standard .....	13

## Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Suga Weathering Technology Foundation (SWTF)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS L 0888**:2005 is replaced with this Standard.

This **JIS** document is protected by the Copyright Law.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

# Test methods for colour fastness to light and perspiration

## Introduction

This Japanese Industrial Standard has been prepared based on **ISO 105-B07:2009**, Edition 1, with some modifications of the technical contents made to reflect the local conditions of tests and evaluations in Japan.

Among Methods A to C provided in this Standard, only Method C is specified in the corresponding International Standard, and Methods A and B are uniquely specified in **JIS**. The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

## 1 Scope

This Standard specifies the test methods for colour fastness of dyed textile products to light and perspiration.

**NOTE** The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 105-B07:2009 *Textiles—Tests for colour fastness—Part B07: Colour fastness to light of textiles wetted with artificial perspiration* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS K 0557 *Water used for industrial water and wastewater analysis*

JIS K 8150 *Sodium chloride*

JIS K 8355 *Acetic acid*

JIS K 8576 *Sodium hydroxide*

JIS K 8726 *Lactic acid (Reagent)*

JIS K 8824 *D(+)-Glucose*

JIS K 9009 *Sodium dihydrogenphosphate dihydrate (Reagent)*

JIS K 9019 *Disodium hydrogenphosphate dodecahydrate (Reagent)*

JIS K 9020 *Disodium hydrogenphosphate (Reagent)*

JIS K 9050 *L-Histidine hydrochloride monohydrate (Reagent)*