

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा  
इमेजिंग सामग्री — फोटोग्राफिक फिल्मस और कागज़ — भंगुरता के लिए वेज  
टेस्ट

*(IS 10419 का पहला पुनरीक्षण)*

*Draft Indian Standard*

**Imaging materials — Photographic films and papers — Wedge test  
for brittleness**

*(First Revision of IS 10419)*

ICS 37.040.20

Electroplating Chemicals and Photographic Materials Sectional  
Committee, CHD 5

**Last Date for Comments: 03 November 2025**

NATIONAL FOREWORD

*(formal clauses to be added later)*

This standard was first published in 1982 by taking considerable assistance from ISO 6077 : 1980 'Photography — Determination of brittleness of photographic film — Wedge brittleness test'. The Committee responsible for formulation of this standard has decided to revise and harmonize this standard by identical adoption of the latest ISO 18907 : 2013.

This Standard specifies a method for determining and expressing quantitatively the brittleness of photographic film and papers. It does not, however, specify a universal brittleness test for all types of stress encountered for which special tests can be required to correctly rate the material for brittleness.

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

- a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'; and
- b) Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

The Committee has reviewed the provisions of the following International Standard referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard:

*International Standard**Title*

ISO 483

Plastics — Small enclosures for conditioning and testing using aqueous solutions to maintain the humidity at a constant value

In this adopted standard, reference appears to certain International Standards where the standard atmospheric conditions to be observed are stipulated which are not applicable to tropical/subtropical countries. The applicable standard atmospheric conditions for Indian conditions are  $(27 \pm 2) ^\circ\text{C}$  and  $(65 \pm 5)$  percent relative humidity and shall be observed while using this standard.

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*)'.

**'FOR COMPLETE TEXT OF THE DOCUMENT, KINDLY REFER ISO 18907 : 2013**

**Note:** The technical content of the document has not been enclosed as these are identical with the corresponding ISO Standard. For obtaining the copy of the complete ISO Standard, please contact:

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