INTERNATIONAL STANDARD

ISO 18913

Third edition
2021-12

Imaging materials — Permanence — Vocabulary

Matériaux pour l'image — Permanence — Vocabulaire

Reference number
ISO 18913:2021(E)

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Published in Switzerland

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Foreword

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 42, *Photography*.

This third edition cancels and replaces the second edition (ISO 18913:2012), which has been technically revised.

Introduction

This document is one of a series dealing with the physical properties and stability of imaging materials.

Imaging materials — Permanence — Vocabulary

1 Scope

This document establishes a vocabulary of terms and definitions used in respect of the permanence of imaging materials, related storage materials and digital storage media.

In most cases these terms and definitions are generic and are applicable to the entire imaging industry. For terms and definitions specific to particular applications, refer to industry standards. However, in some cases the definition of a term is still evolving and/or is used by different user groups in different ways. In this case a definition fit for use in Imaging Materials – Permanence work is given and a note to this effect is included.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1
abrasion
loss of material from a surface or deformation of a surface, with changes in gloss, colour, or density, due to frictional forces as a result of rubbing

Note 1 to entry: Surface deformations can result in changes in gloss and colour.

Note 2 to entry: See also *mar resistance* (3.122), *rub resistance* (3.186), *scuff* (3.190), *smudge* (3.201), and *wet rub* (3.238).

3.2
absolute humidity
mass of water vapour per unit volume of wet gas

Note 1 to entry: It is a measure of the amount of water present as part of the chemical analysis of the space, i.e., how much water is available for chemical activity.

Note 2 to entry: See also *dew point* (3.56) and *relative humidity* (3.181).

3.3
accelerated ageing
procedure to simulate normal ageing process by subjecting a product to *stresses* (3.216) that are more severe or more frequent than normal environmental or operational stresses, thus shortening the test period relative to the normal ageing period