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Optics and optical instruments — Microscopes — Slides —

Part 2:

Quality of material, standards of finish and
mode of packaging

*Optique et instruments d'optique — Microscopes — Lames porte-objet —
Partie 2: Qualité des matériaux, normes de finition et mode d'emballage*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8037-2 was prepared by Technical Committee ISO/TC 172, *Optics and optical instruments*, Subcommittee SC 5, *Microscopes and endoscopes*.

ISO 8037 consists of the following parts under the general title *Optics and optical instruments — Microscopes — Slides —*

Part 1: Dimensions, optical properties and marking

Part 2: Quality of material, standards of finish and mode of packaging

Annex A forms an integral part of this part of ISO 8037. Annexes B to D are for information only.

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Introduction

The data given in this part of ISO 8037 on optical microscope slides are intended to provide for safety of the end user as well as for adequate performance of the product. (Dimensions and optical properties are described in ISO 8037-1.)

Requirements for smoothness of edges and perhaps rounding of corners, reducing the risk to technicians of finger cuts or abrasions, have become increasingly urgent. This is especially important because of the possibility of infection during research or diagnostic work involving blood or other bodily fluids, since these might be contaminated with HIV virus related to AIDS. Cut-edge slides should not be used because of these hazards.

The data given in this part of ISO 8037 are applicable to most products in use and have been adapted to take into account relevant national standards in force.