

INTERNATIONAL
STANDARD

ISO
2818

Third edition
1994-08-15

**Plastics — Preparation of test specimens
by machining**

Plastiques — Préparation des éprouvettes par usinage



Reference number
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Foreword

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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 2818 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 2, *Mechanical properties*.

This third edition cancels and replaces the second edition (ISO 2818:1980), which has been revised with respect to the following points:

- normative references for the geometry of cutting tools and abrasive tools and products;
- introduction of notching;
- extension of the table for recommended machining conditions.

Annex A of this International Standard is for information only.

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Introduction

The preparation of test specimens by machining influences the finished surfaces and, in some cases, even the internal structure of the specimens. Since test results are strongly dependent on both of these parameters, exact definitions of tools and machining conditions are required for reproducible test results with machined specimens.