
**Plastics — Aromatic isocyanates for use
in the production of polyurethane —
Determination of acidity**

*Plastiques — Isocyanates aromatiques utilisés pour la production
de polyuréthane — Détermination de l'acidité*



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 14898 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 12, *Thermosetting materials*.

Introduction

No International Standard dealing with the analysis of polymeric isocyanates and their prepolymers for acidity has been published. Method A of this International Standard is used to determine moderate to high ($> 100 \mu\text{g/g}$) levels of acidity in aromatic isocyanates. The method is based on ASTM D 4876 and related work carried out by the Polyurethane Raw Materials Analysis Committee of The Society of the Plastics Industry in the USA. Method B of this International Standard was adapted from ASTM D 5629, and is applicable to the determination of acidity in low-acidity ($< 100 \mu\text{g/g}$) aromatic isocyanates and prepolymers.