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**Plastics — Determination of matter extractable by organic solvents (conventional methods)**

*Plastiques — Détermination des matières extractibles par des solvants organiques (Méthodes conventionnelles)*

**ISO 6427**

**Fourth edition  
2025-07**

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This fourth edition cancels and replaces the third edition (ISO 6427:2013), which has been technically revised.

The main changes are as follows:

- the mandatory terms and definitions clause ([Clause 3](#)) has been added, and subsequent clauses have been renumbered;
- tolerances of all relevant test parameters have been added;
- the test report has been updated.

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There are several very similar national and international standards for the determination of the percentage of extractable matter, with only slight differences in the procedures. To facilitate the work of the laboratory staff which has to carry out these determinations on various plastics products, the generally applicable methods are specified in this document.