

Third edition
2023-09

Plastics — Determination of apparent density of material that can be poured from a specified funnel

Plastiques — Détermination de la masse volumique apparente des matières susceptibles de s'écouler à travers un entonnoir donné



Reference number
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Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Apparatus.....	1
5 Procedure.....	2
6 Expression of results.....	3
7 Test report.....	3
Bibliography.....	4

Foreword

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This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 12, *Thermosetting materials*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 249, *Plastics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 60:1977), which has been technically revised.

The main changes are as follows:

- added the mandatory [Clause 2](#) (Normative references) and renumbered subsequent clauses;
- added the mandatory [Clause 3](#) (Terms and definitions) and renumbered subsequent clauses;
- added the requirement, “Tested samples shall not be reused”, in the procedure;
- added the requirement, “Take two significant digits”, in the expression of results;
- added information to be included in the test report, i.e. “a reference to this document”, “standard deviation, and/or coefficient of variation, and/or confidence limits of mean, if required”, “any other observations”, “date of test”.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

Apparent density refers to the ratio of mass to apparent volume of a material in its natural state (dry state stored in air for a long time).

A knowledge of apparent density is of limited value in estimating the relative fluffiness or bulk of moulding materials, unless their densities in the moulded condition are approximately the same.