
**Plastics — Vinyl chloride homopolymer and
copolymer resins — Sieve analysis in water**

*Plastiques — Résines d'homopolymères et de copolymères de chlorure de
vinyle — Analyse granulométrique par tamisage sous courant d'eau*



PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

This document is a preview generated by EVS

© ISO 2001

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.ch
Web www.iso.ch

Printed in Switzerland

Contents

	Page
Foreword.....	iv
1 Scope	1
2 Normative reference	1
3 Term and definition	1
4 Principle.....	1
5 Reagent.....	1
6 Apparatus	2
7 Procedure	2
8 Expression of results	5
9 Precision.....	6
10 Test report.....	6

This document is a preview generated by EVS

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.

The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 1624 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 9, *Thermoplastic materials*.

This second edition cancels and replaces the first edition (ISO 1624:1978), which has been modified in the following respects:

- the drying temperature has been raised from 80 °C to 110 °C;
- a precision statement based on current test data has been included.

Plastics — Vinyl chloride homopolymer and copolymer resins — Sieve analysis in water

1 Scope

This International Standard specifies a method for the determination of the sieve retention of vinyl chloride homopolymer and copolymer resins. Control of this characteristic can help to ensure consistency of supply and predictable processing behaviour.

2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 565, *Test sieves — Metal wire cloth, perforated metal plate and electroformed sheet — Nominal sizes of openings*

3 Term and definition

For the purposes of this International Standard, the following term and definition apply.

3.1

sieve retention

the percentage, by mass, of resin remaining on the sieve after a sieve analysis test

4 Principle

A test portion is sieved under a stream of water, using standard-aperture sieves.

NOTE Sieving under a stream of water gives truer results than a dry sieving method in which static electricity interferes. This method is particularly suited to emulsion resins.

5 Reagent

5.1 **Wetting agent**, for example a 5 % to 10 % solution of sodium alkylsulfonate.