~~2022-05-02~~

ISO/~~DIS~~FDIS 4608:~~2022(E)~~

ISO/TC 61/SC 9

Secretariat:- KATS

Date: 2023-08-10

Plastics — Homopolymer and copolymer resins of vinyl chloride for general use- — Determination of plasticizer absorption at room temperature

Plastiques — Résines d'homopolymères et de copolymères de chlorure de vinyle à usages généraux- — Détermination de la prise de plastifiant à température ambiante

FDIS stage

~~Edited DIS - MUST BE USED FOR FINAL DRAFT~~

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11

~~Fax: +41 22 749 09 47~~

~~Email~~E-mail: copyright@iso.org
Website: ~~www.iso.org~~www.iso.org

Published in Switzerland

Contents Page

Edited DIS - MUST BE USED FOR FINAL DRAFT

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO ~~documents~~document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Field Code Changed

~~Attention is drawn~~ISO draws attention to the possibility that ~~some of~~ the ~~elements~~implementation of this document may ~~be~~involve the ~~subject~~use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights~~.~~ in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights. ~~Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).~~

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see ~~www.iso.org/iso/foreword.html~~www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC9, *Thermoplastic 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 fourth edition cancels and replaces the third edition (ISO 4608:1998), which has been technically revised.

The main changes are:

— the mandatory ~~clause 3~~Clause 3 on terms and definitions has been added and subsequent clauses have been renumbered;

— the plasticizer Bis-(3,5,5-trimethylhexyl) phthalate ~~(DINP = ~~[Diisononylphthalate~~)~~ [DINP)] has been added;

— the CAS number has been included for unambiguous reference to plasticizers;

— in 5.7.1, a NOTE has been added informing about stop of DOP use in Europe due to hazardous substance classification.

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.

Field Code Changed

~~Edited DIS - MUST BE USED FOR FINAL DRAFT~~

Introduction

The results of this test method give a general indication of the plasticizer absorption of a resin at room temperature. They indicate the usefulness of resins for the manufacture of plasticised dry blends, particularly when taken in conjunction with the results of plasticizer absorption tests under hot conditions.