International Standard

ISO 6376

Second edition
2026-11

Carbonaceous materials for the production of aluminium — Pitch for electrodes — Determination of content of toluene-insoluble material

Produits carbonés utilisés pour la production de l'aluminium — Brais pour électrodes — Détermination du taux des matières insolubles dans le toluène

Sample Document
get full document from standards.iteh.ai

Reference number
ISO 6376:2026(en)

© ISO 2026

ISO 6376:2026 • https://standards.iteh.ai/catalog/standards/iso/c60e8bc1-eb15-45a1-a7dd-2942b578d468/iso-6376-2026

Sample Document

get full document from standards.iteh.ai



COPYRIGHT PROTECTED DOCUMENT

© ISO 2026

All rights reserved.

This ISO publication is protected by copyright and is owned by ISO and/or its licensors.

The content of this ISO publication is provided under licence, not sold. Use is subject to the applicable licence terms issued by ISO, an ISO member body, or an authorized third-party distributor.

Except as required for implementation or expressly permitted by a separate licence, no part of this ISO publication may be reproduced, distributed, modified, used, or made available in any form or by any means – electronic or mechanical, including photocopying, scanning, recording, or posting on internal or external digital platforms.

Any use beyond the scope of the granted rights is prohibited and may result in legal action.

ISO copyright office
CP 401 • CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

ISO 6376:2026 • https://standards.iteh.ai/catalog/standards/iso/c60e8bc1-eb15-45a1-a7dd-2942b578d468/iso-6376-2026

Contents

Page

Foreword ..... **iv**
Introduction ..... **v**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 Principle **1**
5 Reagents and materials **1**
6 Apparatus **1**
7 Sampling **3**
8 Procedure **4**
8.1 Test portion 4
8.2 Determination 4
9 Expression of results **4**
9.1 Method of calculation 4
9.2 Precision 4
10 Test report **5**

Sample Document
get full document from standards.iteh.ai

© ISO 2026 – All rights reserved

ISO 6376:2026 • https://standards.iteh.ai/catalog/standards/iso/c60e8bc1-eb15-45a1-a7dd-2942b578d468/iso-6376-2026

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 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).

ISO draws attention to the possibility that the implementation of this document may involve the 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.

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.

Sample Document

This document was prepared by Technical Committee ISO/TC 226, *Materials for the production of primary aluminium*.

This second edition cancels and replaces the first edition (ISO 6376:1980), which has been technically revised.

get full document from standards.iteh.ai

The main changes are as follows:

— added analysis procedure details to help run the analysis;

— corrected text to formal SI formatting;

— updated test report description.

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.

© ISO 2026 – All rights reserved

ISO 6376:2026 • https://standards.iteh.ai/catalog/standards/iso/c60e8bc1-eb15-45a1-a7dd-2942b578d468/iso-6376-2026

Introduction

Determining the content of toluene-insoluble material for pitch is a vital step in analysis and testing of this material. The coking toluene insoluble content can give important information about the quality and likely performance of the material. This document specifies a fundamental method of test for grades of pitch used in the electrolytic production of aluminium.

Sample Document

get full document from standards.iteh.ai

© ISO 2026 – All rights reserved

ISO 6376:2026 • https://standards.iteh.ai/catalog/standards/iso/c60e8bc1-eb15-45a1-a7dd-2942b578d468/iso-6376-2026