
Kemijska analiza surovin in ognjevzdržnih izdelkov, ki vsebujejo silicijev karbid, silicijev nitrid, silicijev oksinitrid in sialon - 3. del: Določevanje dušika, kisika ter kovinskih in oksidnih sestavin (ISO 21068-3:2024)

Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon - Part 3: Determination of nitrogen, oxygen and metallic and oxidic constituents (ISO 21068-3:2024)

Chemische Analyse von Rohstoffen und feuerfesten Erzeugnissen, die Siliziumcarbid, Siliziumnitrid, Siliziumoxynitrid und Sialon enthalten - Teil 3: Bestimmung des Gehaltes an Stickstoff, Sauerstoff sowie metallischen und oxidischen Bestandteilen (ISO 21068-3:2024)

Analyse chimique des matières premières et des produits réfractaires contenant du carbure de silicium, du nitrure de silicium, de l'oxynitride de silicium et du sialon - Partie 3: Dosage de l'azote, de l'oxygène et des constituants métalliques et oxydés (ISO 21068-3:2024)

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Analyse chimique des matières premières et des produits réfractaires contenant du carbure de silicium, du nitrure de silicium, de l'oxynitride de silicium et du SiALON - Partie 3: Dosage de l'azote, de l'oxygène et des constituants métalliques et oxydés (ISO 21068-3:2024)

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European foreword

This document (EN ISO 21068-3:2024) has been prepared by Technical Committee ISO/TC 33 "Refractories" in collaboration with Technical Committee CEN/TC 187 "Refractory products and materials" the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2024, and conflicting national standards shall be withdrawn at the latest by December 2024.

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International Standard

ISO 21068-3

Chemical analysis of raw materials and refractory products containing silicon-carbide, silicon-nitride, silicon-oxynitride and sialon —

Part 3: Determination of nitrogen, oxygen and metallic and oxidic constituents

*Analyse chimique des matières premières et des produits
réfractaires contenant du carbure de silicium, du nitrure de
silicium, de l'oxynitride de silicium et du SiAlON —*

*Partie 3: Dosage de l'azote, de l'oxygène et des constituants
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Foreword

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This document was prepared by Technical Committee ISO/TC 33, *Refractories*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 187, *Refractory products and materials*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 21068-3:2008), which has been technically revised.

The main changes are as follows:

- methods described in ISO 12698-1:2007 for the dosage of free aluminium, total nitrogen and free alumina have been included in this document;
- methods that are no longer used in practice have been removed;
- normative references and bibliography have been updated;
- document has been editorially revised.

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