



BSI Standards Publication

Aluminium oxide primarily used for the production of aluminium — Preparation and storage of test samples

National foreword

This British Standard is the UK implementation of [ISO 23028:2019](#).

The UK participation in its preparation was entrusted to Technical Committee CII/24, Raw materials for the aluminium industry.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2019
Published by BSI Standards Limited 2019

ISBN 978 0 580 52332 8

ICS 71.100.10

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 July 2019.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

INTERNATIONAL STANDARD

ISO
23028

First edition
2019-07-31

Aluminium oxide primarily used for the production of aluminium — Preparation and storage of test samples





COPYRIGHT PROTECTED DOCUMENT

© ISO 2019, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
5 Apparatus	2
5.1 Rotary splitter	2
5.2 Laboratory top-pan balance	2
5.3 Sample bottles/containers	2
5.4 Small rotary splitter	2
5.5 Brush	2
5.6 Powder funnel	2
6 Procedure	2
6.1 Sample integrity	2
6.2 Mixing sample	3
6.3 Division of sample	3
6.4 Splitting of sample for analysis	3
6.5 Identification of sample	3
6.6 Storage and use	3
Annex A (informative) Rotary splitter	5
Annex B (informative) Example of calculation for sample division	7