BS ISO 12986-1:2014

BSI Standards Publication

Carbonaceous materials used in the production of aluminium — Prebaked anodes and cathode blocks

Part 1: Determination of bending/shear strength by the three-point method

bsi.

...making excellence a habit.™

Document Sharing Hub

Full document details: BS ISO 12986-1:2014

National foreword

This British Standard is the UK implementation of ISO 12986-1:2014. It supersedes BS 6043-3.5.1:2000 which is withdrawn.

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 2014. Published by BSI Standards Limited 2014

ISBN 978 0 580 81219 4

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 2014.

Amendments issued since publication

Date	Text affected

Documents
Document Sharing Hub

Full document details: BS ISO 12986-1:2014

INTERNATIONAL STANDARD

ISO 12986-1

Second edition
2014-06-15

Carbonaceous materials used in the production of aluminium — Prebaked anodes and cathode blocks —

Part 1: Determination of bending/shear strength by the three-point method

Produits carbonés utilisés pour la production de l'aluminium — Anodes précuites et blocs cathodiques —

Partie 1: Détermination de la résistance à la flexion par la méthode trois points

Reference number
ISO 12986-1:2014(E)

Documents
Document Sharing Hub

© ISO 2014

Full document details: BS ISO 12986-1:2014

COPYRIGHT PROTECTED DOCUMENT

© ISO 2014

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

Published in Switzerland

© ISO 2014 – All rights reserved

Documents
Document Sharing Hub

Full document details: BS ISO 12986-1:2014

Contents

Page

Foreword ..... **iv**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 Principle **2**
5 Apparatus **2**
6 Test specimen **3**
6.1 Sampling and sample preparation 3
6.2 Size and geometry 4
7 Procedure **4**
8 Calculation and expression of results **4**
9 Precision **5**
10 Test report **5**
Bibliography **6**

© ISO 2014 – All rights reserved

Documents
Document Sharing Hub
Full document details: BS ISO 12986-1:2014