

---

---

**Carbonaceous materials for the  
production of aluminium — Cathode  
block materials —**

Part 1:

**Determination of the expansion due to  
sodium penetration with application  
of pressure**

*Produits carbonés utilisés pour la production de l'aluminium — Blocs  
cathodiques —*

*Partie 1: Détermination de l'expansion due à la pénétration du  
sodium avec application de pression*

[ISO 15379-1:2019](https://standards.iteh.ai/catalog/standards/iso/d134fced-9ec5-4aea-a34c-f76b3b91cc6d/iso-15379-1-2019)

<https://standards.iteh.ai/catalog/standards/iso/d134fced-9ec5-4aea-a34c-f76b3b91cc6d/iso-15379-1-2019>



**iTeh Standards**  
**(<https://standards.iteh.ai>)**  
**Document Preview**

[ISO 15379-1:2019](https://standards.iteh.ai/catalog/standards/iso/d134fced-9ec5-4aea-a34c-f76b3b91cc6d/iso-15379-1-2019)

<https://standards.iteh.ai/catalog/standards/iso/d134fced-9ec5-4aea-a34c-f76b3b91cc6d/iso-15379-1-2019>



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2019

All rights reserved. Unless otherwise specified, or required in the context of its implementation, 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  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Fax: +41 22 749 09 47  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

# Contents

	Page
Foreword .....	iv
Introduction .....	v
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Principle</b> .....	<b>1</b>
<b>5 Apparatus</b> .....	<b>1</b>
<b>6 Reagents</b> .....	<b>3</b>
<b>7 Samples</b> .....	<b>3</b>
<b>8 Procedure</b> .....	<b>3</b>
<b>9 Results</b> .....	<b>4</b>
9.1 Calculation .....	4
9.2 Precision .....	4
<b>10 Test report</b> .....	<b>4</b>
<b>Bibliography</b> .....	<b>6</b>

**iTeh Standards**  
**(<https://standards.iteh.ai>)**  
**Document Preview**

[ISO 15379-1:2019](https://standards.iteh.ai/catalog/standards/iso/d134fced-9ec5-4aea-a34c-f76b3b91cc6d/iso-15379-1-2019)

<https://standards.iteh.ai/catalog/standards/iso/d134fced-9ec5-4aea-a34c-f76b3b91cc6d/iso-15379-1-2019>