



ISO 14427

Carbonaceous materials used in the production of aluminium — Cold and tepid ramming pastes — Preparation of unbaked test specimens and determination of apparent density after compaction

Produits carbonés utilisés pour la production de l'aluminium — Pâtes de brasquage froides et tièdes — Préparation d'éprouvettes non cuites et détermination de la densité apparente après compactage

Second edition
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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 14427:2004), which has been technically revised.

The main changes are as follows:

- the mass of the falling weight and the ramming rate have been corrected.

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The bottom of aluminium electrolysis cells is lined with cathode blocks that are sealed with a ramming paste to avoid any leakage. When lining a cell, the green paste is directly rammed between the cathode blocks and baked in situ during the start-up of the pot by the process heat. The quality of the paste is of primary importance as to ensure long operation without disturbance.