

# ISO 12989-2:2004-05 (E)

## Carbonaceous materials used in the production of aluminium - Baked anodes and sidewall blocks - Determination of the reactivity to air - Part 2: Thermogravimetric method

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Terms and definitions .....	1
3	Principle .....	2
4	Apparatus .....	2
5	Reagents .....	3
6	Sample .....	3
7	Calibration .....	4
8	Procedure .....	5
9	Calculation of results .....	6
9.1	Exposed surface area of the sample .....	6
9.2	Total air reactivity .....	6
9.3	Initial air reactivity .....	6
9.4	Final air reactivity .....	7
9.5	Air dusting rate .....	7
10	Precision and bias .....	7
10.1	Precision .....	7
10.2	Repeatability .....	7
10.3	Reproducibility limits .....	9
10.4	Bias .....	10
11	Test report .....	10
Bibliography .....		13