

# ISO 23052:2020 (E)

## Anodizing of aluminium and its alloys — Test method for chemical resistance of anodic oxidation coatings on aluminium and its alloys using electromotive force apparatus

---

### Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Principle
5	Reagents
6	Apparatus
7	Test specimen
7.1	Sampling
7.2	Size
7.3	Treatment before testing
8	Procedure
8.1	Test solution
8.2	Test temperature
8.3	Measurement
9	Expression of results
10	Test report
Annex A	(informative) Other conditions for the chemical resistance test
A.1	General
A.2	Gasket size
A.3	Concentration of sodium hydroxide solution or phosphoric acid solution
A.3.1	Alkali solution
A.3.2	Acid solution
A.3.3	Test temperature
Annex B	(informative) Validation of the heating-up time
B.1	General
B.2	Test conditions and result
Annex C	(informative) Test solution and dissolution time
C.1	General
C.2	Table of dissolution time