

ISO 28706-2:2017-02 (E)

Vitreous and porcelain enamels - Determination of resistance to chemical corrosion - Part 2: Determination of resistance to chemical corrosion by boiling acids, boiling neutral liquids, alkaline liquids and/or their vapours

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Reagents	2
6	Apparatus and materials	3
6.1	Test apparatus	3
6.2	Test materials	8
7	Packing rings	8
7.1	General	8
7.2	Packing A	8
7.3	Packing B	9
8	Test specimens	9
9	Procedure	9
10	Expression of results	10
10.1	Total loss in mass per unit area	10
10.2	Corrosion rate	10
11	Boiling citric acid	11
11.1	General	11
11.2	Test solution	11
11.3	Duration of the test	11
11.4	Test report	11
12	Boiling sulfuric acid	11
12.1	General	11
12.2	Test solution	11
12.3	Duration of the test	12
12.4	Test report	12
13	Boiling hydrochloric acid	12
13.1	General	12
13.2	Test solution	12
13.3	Duration of the test	12
13.4	Test report	13

14	Boiling distilled or demineralized water	13
14.1	General	13
14.2	Test solution	13
14.3	Duration of the test	13
14.4	Test report	14
15	Standard detergent solution	14
15.1	General	14
15.2	Test solution	14
15.3	Test temperature	15
15.4	Duration of the test	15
15.5	Test report	15
16	Other test solutions and/or conditions	15
16.1	General	15
16.2	Test solution	15
16.3	Duration of the test	15
16.4	Test report	16
	Bibliography	17