

# DIN EN ISO 28706-2:2011-08 (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 and/or their vapours (ISO 28706-2:2008)

---

## Contents

	Page
Foreword .....	3
Introduction .....	4
1 Scope .....	6
2 Normative references .....	6
3 Principle .....	6
4 Reagents .....	7
5 Apparatus and materials .....	7
6 Packing rings .....	12
6.1 General .....	12
6.2 Packing A .....	12
6.3 Packing B .....	13
7 Test specimens .....	13
8 Procedure .....	13
9 Expression of results .....	14
9.1 Total loss in mass per unit area .....	14
9.2 Corrosion rate .....	14
10 Boiling citric acid .....	14
10.1 General .....	14
10.2 Citric acid test solution .....	15
10.3 Duration of the test .....	15
10.4 Test report .....	15
11 Boiling sulfuric acid .....	15
11.1 General .....	15
11.2 Test solution .....	15
11.3 Duration of the test .....	15
11.4 Test report .....	16
12 Boiling hydrochloric acid .....	16
12.1 General .....	16
12.2 Test solution .....	16
12.3 Duration of the test .....	16
12.4 Test report .....	17
13 Boiling distilled or demineralized water .....	17
13.1 General .....	17
13.2 Test solution .....	17
13.3 Duration of the test .....	17

13.4	<b>Test report</b>	18
14	<b>Other test solutions and/or conditions</b>	18
14.1	<b>General</b>	18
14.2	<b>Test solution</b>	18
14.3	<b>Duration of the test</b>	18
14.4	<b>Test report</b>	19
	<b>Bibliography</b>	20