

ISO 28706-5:2008-12 (E)

Vitreous and porcelain enamels - Determination of resistance to chemical corrosion - Part 5: Determination of resistance to chemical corrosion in closed systems

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Principle	1
4	Apparatus	1
5	Test specimens	2
5.1	Shape and preparation	2
5.2	Number	3
5.3	Cleaning, conditioning and weighing	3
6	Procedure	3
6.1	General procedure	3
6.2	Special procedure for plastic bottles	3
6.3	Washing, drying and weighing of exposed test specimens	3
7	Expression of results	4
7.1	Rate of loss in mass per unit area	4
7.2	Calculation of mean values	4
8	Autoclave test with hydrochloric acid	5
8.1	General	5
8.2	Test solution	5
8.3	Test temperature	5
8.4	Test report	5
9	Test with hot sodium hydroxide solution	6
9.1	General	6
9.2	Test solution	6
9.3	Test temperature	6
9.4	Test report	6
10	Tests with simulated solutions	6
10.1	General	6
10.2	Test solution	7
10.3	Test temperature	7
10.4	Test report	7
11	Tests with process fluids	7
11.1	General	7
11.2	Test solution	7
11.3	Test temperature	8
11.4	Test report	8
Annex A (informative) Explanatory notes		9
Bibliography		11