

DIN EN ISO 175:2011-03 (E)

Plastics - Methods of test for the determination of the effects of immersion in liquid chemicals (ISO 175:2010)

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Principle	6
4	General requirements and procedure	6
4.1	Test liquids	6
4.2	Test conditions	6
4.3	Immersion time	7
4.4	Test specimens	7
4.5	Conditioning	8
4.6	Procedure	8
4.7	Expression of results	9
5	Determination of changes in mass, dimensions and appearance	10
5.1	General	10
5.2	Apparatus	10
5.3	Test specimens	11
5.4	Determination of changes in mass	12
5.5	Determination of changes in dimensions	14
5.6	Determination of changes in colour or other appearance attributes	16
6	Determination of changes in other physical properties	17
6.1	General	17
6.2	Apparatus	17
6.3	Test specimens	17
6.4	Procedure	17
6.5	Calculation and expression of results	18
7	Precision	18
8	Test report	19
Annex A (normative)	Types of test liquid	20
Annex B (informative)	Notes on the absorption of moisture by plastic specimens in equilibrium with a conditioning atmosphere	23
Bibliography		24