ISO 4665:2006-10 (E)

Rubber, vulcanized or thermoplastic - Resistance to weathering

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Principle 2

5 Exposure to direct weathering, to weathering using glass-filtered daylight or to intensified weathering by daylight using Fresnel mirrors 2

6 Exposure to laboratory light sources 3

7 Changes in colour 3
7.1 Apparatus 3
7.1.1 Instrumental assessment 3
7.1.2 Visual assessment 3
7.2 Test piece 3
7.3 Procedure 3
7.3.1 General 3
7.3.2 Instrumental assessment 3
7.3.3 Visual assessment 3

8 Changes in other appearance properties 4

9 Changes in physical properties 4
9.1 General 4
9.2 Apparatus 4
9.3 Test pieces 4
9.4 Procedure 4

10 Expression of results 5
10.1 Change in colour 5
10.1.1 Instrumental measurements 5
10.1.2 Visual measurements 5
10.2 Changes in other appearance properties 5
10.3 Changes in physical properties 6

11 Test report 6

Annex A (informative) Weathering reference materials 8

Annex B (informative) Some properties which may be determined to assess change after exposure 11

Bibliography 12