ISO 105-B02:2013-05 (E)

Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Principle 1

4 Terms and definitions 1

5 Materials and apparatus 2
5.1 Reference materials 2
5.2 Laboratory exposure devices 3

6 Preparation of test specimens 5

7 Exposure conditions 6

8 Procedure 6
8.1 Apparatus set-up 6
8.2 Adjustment of the effective humidity (see Clause 7 and Annex E) 7
8.3 Exposure methods 8

9 Assessment of colour fastness 15

10 Test report 16

Annex A (normative) Requirements for xenon arc exposure devices 19

Annex B (normative) Procedures for measuring the irradiance uniformity in the specimen exposure area (for apparatus manufacturers only) 22

Annex C (informative) Light exposure equivalents for blue wool lightfastness references L2 to L9 24

Annex D (informative) General Information on colour fastness to Light 25

Annex E (informative) Guidelines for Conducting Testing 27

Bibliography 35