

DIN EN ISO 105-B02:2014-11 (E)

Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test (ISO 105-B02:2014)

| Contents | | Page |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------|
| Foreword | | 3 |
| 1 | Scope | 4 |
| 2 | Normative references | 4 |
| 3 | Principle | 4 |
| 4 | Terms and definitions | 5 |
| 5 | Materials and apparatus | 6 |
| 5.1 | Reference materials | 6 |
| 5.2 | Laboratory exposure devices | 7 |
| 6 | Preparation of test specimens | 8 |
| 7 | Exposure conditions | 9 |
| 8 | Procedure | 10 |
| 8.1 | Apparatus set-up | 10 |
| 8.2 | Adjustment of the effective humidity (see Clause 7 and Annex E) | 10 |
| 8.3 | Exposure methods | 12 |
| 9 | Assessment of colour fastness | 19 |
| 10 | Test report | 20 |
| Annex A (normative) Requirements for xenon arc exposure devices | | 23 |
| Annex B (normative) Procedures for measuring the irradiance uniformity in the specimen exposure area (for apparatus manufacturers only) | | 26 |
| Annex C (informative) Light exposure equivalents for blue wool lightfastness references L2 to L9 .. | | 28 |
| Annex D (informative) General information on colour fastness to light | | 29 |
| Annex E (informative) Guidelines for conducting testing | | 31 |
| Bibliography | | 39 |