

ISO/IEC 22592-3:2025-01 (E)

Office equipment - Print quality measurement methods for colour prints - Part 3: Physical durability measurement methods

Contents

Page

- Foreword..... v
- Introduction..... vi
- 1 Scope..... 1**
- 2 Normative references..... 1**
- 3 Terms and definitions..... 1**
- 4 Print preparation procedures..... 2**
 - 4.1 Printing environment..... 2
 - 4.2 Printing materials..... 3
 - 4.3 Printer settings..... 3
 - 4.4 Printing operations..... 3
 - 4.5 Conditioning the prints after printing..... 3
- 5 General requirements for measurements..... 4**
 - 5.1 Measurement environmental conditions..... 4
 - 5.2 Colour measurement..... 4
 - 5.3 Scanner conformance for line quality measurement..... 4
 - 5.3.1 General..... 4
 - 5.3.2 Equipment and setting..... 4
 - 5.4 Reporting..... 5
- 6 Thermal and humidity blocking..... 5**
 - 6.1 General..... 5
 - 6.2 Test conditions..... 5
 - 6.3 Sample settings..... 6
 - 6.4 Test methods..... 6
 - 6.4.1 General..... 6
 - 6.4.2 Equipment and calibration..... 7
 - 6.4.3 Test environment control..... 7
 - 6.4.4 Long term storage (hot and dry) test..... 7
 - 6.4.5 Long term storage (warm and humid) test..... 7
 - 6.4.6 Short term transport test..... 8
 - 6.5 Evaluation..... 8
 - 6.6 Reporting..... 8
- 7 Water resistance..... 8**
 - 7.1 General..... 8
 - 7.2 Test chart for water resistance..... 9
 - 7.3 Water resistance test method..... 9
 - 7.4 Evaluation..... 10
 - 7.5 Reporting..... 10
- 8 Abrasion resistance..... 10**
 - 8.1 Test chart for abrasion resistance..... 10
 - 8.2 Test equipment and settings..... 10
 - 8.3 Test sample and arrangement..... 11
 - 8.4 Reporting..... 11
- 9 Scratch resistance..... 11**
 - 9.1 Test chart for scratch resistance and test samples..... 11
 - 9.2 Test equipment and settings..... 11

9.3	Evaluations	12
9.4	Reporting.....	12
10	Total reporting	12
10.1	General requirements for reporting	12
10.2	Reporting items	12
Annex A (informative) Thermal, light and ozone stability.....		13
Bibliography.....		14