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