ISO 18941:2020 (E)

Imaging materials — Colour reflection prints — Test method for ozone gas fading stability

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Requirements

5 Sample preparation

5.1 Target selection
5.2 Use of replicates and reference samples

6 Holding and measurement conditions

7 Test methods — Gas fading (ozone)

7.1 General
7.2 Apparatus
7.2.1 Ozone test device
7.2.1.1 General
7.2.1.2 Design 1 (chamber circulation design)
7.2.1.3 Design 2 (local injection or direct-impingement design)
7.2.2 Source of ozonized air
7.2.3 Means for adjusting, controlling and maintaining ozone concentration
7.2.3.1 General
7.2.3.2 Design 1
7.2.3.3 Design 2
7.2.4 Means of determining the ozone concentration
7.2.5 Means of controlling gas flow
7.2.6 Test piece carrier
7.3 Test procedure

8 Test environment conditions

8.1 Humidity control calibration
8.2 Relative humidity
8.3 Temperature
8.4 Ozone concentration

9 Test report

9.1 General reporting requirements
9.2 Ozone test reporting

Annex A (normative) Reciprocity considerations

Page count: 20