

# ISO 18936:2012-04 (E)

## Imaging materials - Processed colour photographs - Methods for measuring thermal stability

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Requirements .....	2
5	Sample preparation .....	3
5.1	Target selection .....	3
5.2	Use of replicates and reference samples .....	3
6	Measurement conditions .....	3
7	Measured attributes .....	4
7.1	Definition of density attributes .....	4
7.2	Density attributes to be measured .....	4
7.3	Definitions of colourimetry terms .....	5
7.4	Colourimetry values to be measured .....	5
8	Calculations and computations .....	5
8.1	Computation of densitometric attributes .....	5
8.2	Density change in dmin patches .....	5
8.3	Percent density change in pure primary colour patches .....	5
8.4	Percent density change in secondary (mixed) colour patches .....	5
8.5	Percent density change in a composite neutral patch .....	5
8.6	Colour balance shift in a composite neutral patch .....	6
8.7	Colour balance in secondary (mixed) colour patches .....	6
8.8	Colour balance in dmin patches by densitometry .....	6
8.9	Colour balance in dmin patches by colourimetry .....	6
9	Test methods -- Thermal stability .....	6
9.1	General .....	6
9.2	Test methods and equipment .....	8
9.3	Computation of dark stability .....	10
10	Test report .....	10
10.1	General reporting requirements .....	10
10.2	Test reporting .....	10
Annex A (informative) A method for interpolation .....		12
Annex B (informative) Illustration of Arrhenius calculation for dark stability .....		13
Bibliography .....		16