

# ISO 12647-1:2013-12 (E)

## Graphic technology - Process control for the production of half-tone colour separations, proof and production prints - Part 1: Parameters and measurement methods

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Requirements .....</b>	<b>8</b>
4.1	General .....	8
4.2	Data files and printing formes .....	8
4.3	Proof or production print .....	9
<b>5</b>	<b>Measurement methods .....</b>	<b>11</b>
5.1	Computation of CIELAB colour coordinates and CIELAB colour differences .....	11
5.2	Control strip .....	11
5.3	Screen angles of prints .....	12
5.4	Gloss .....	12
5.5	Apparent ink trap .....	13
5.6	Doubling and slur .....	13
5.7	Density or relative density of a process colour solid .....	13
5.8	Variation of the coloration on a single print .....	14
<b>Annex A (informative) Reporting .....</b>		<b>16</b>
<b>Bibliography .....</b>		<b>17</b>