

# ISO 12647-1:2004-08 (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>2</b>
<b>4</b>	<b>Requirements .....</b>	<b>9</b>
4.1	General .....	9
4.2	Data file, colour separation films and printing formes .....	9
4.3	Proof or production print .....	11
<b>5</b>	<b>Test methods .....</b>	<b>13</b>
5.1	Screen angles .....	13
5.2	Tone value on a colour-separation film or of a data file .....	14
5.3	Tone value on the print .....	14
5.4	Tone value increase on the print .....	15
5.5	Gloss .....	15
5.6	Spectral measurement, computation of CIELAB colour co-ordinates and CIELAB colour differences .....	15
<b>Annex A (normative) Reporting .....</b>		<b>17</b>
<b>Annex B (informative) Determination of quality parameters of half-tone dots on a colour separation film .....</b>		<b>19</b>
<b>Bibliography .....</b>		<b>21</b>