

ISO 12647-9:2021 (E)

Graphic technology — Process control for the production of half-tone colour separations, proof and production prints — Part 9: Metal decoration printing processes using offset lithography

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Requirements
4.1	General
4.2	Data files and printing forms
4.2.1	Data delivery
4.2.2	Printing forme quality
4.2.3	Screen frequency (periodic screens)
4.2.4	Dot size (non-periodic screens)
4.2.5	Screen angle (periodic screens)
4.2.6	Dot shape and its relationship to tone value (periodic screens)
4.2.7	Tone value sum
4.2.8	Grey reproduction and grey balance
4.3	Proof or production print
4.3.1	General
4.3.2	Visual characteristics of image components — Print substrate colour
4.3.3	Ink set colours (colorant description)
4.3.4	Tone value reproduction limits
4.3.5	Tone value increase and spread
4.3.5.1	Aim values
4.3.5.2	Tone value and mid-tone spread tolerances
4.3.6	Tolerance for image positioning
4.3.7	Conformance
5	Measurement methods
5.1	Computation of densities, CIELAB colour coordinates and CIELAB colour differences
5.2	Control strip
Annex A	(informative) Grey reproduction and grey balance
Annex B	(informative) Handling differences in coating colour

Page count: 15