

ISO 12641-1:2016-05 (E)

Graphic technology - Prepress digital data exchange - Colour targets for input scanner calibration - Part 1: Colour targets for input scanner calibration

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Requirements	4
4.1	Target design	4
4.2	Transmission targets	4
4.2.1	Target layout and physical characteristics	4
4.2.2	Patch size	9
4.2.3	Colour gamut mapping	9
4.2.4	Neutral and dye scale values	10
4.2.5	Neutral scale mapping	11
4.3	Reflection targets	11
4.3.1	Target layout and physical characteristics	11
4.3.2	Patch size	13
4.3.3	Colour gamut mapping	14
4.3.4	Neutral and dye scale values	14
4.3.5	Neutral scale mapping	15
4.4	Allowable tolerances on patch values	15
4.4.1	Uncalibrated targets	15
4.4.2	Calibrated targets	16
4.5	Spectral measurement and colorimetric calculation	16
4.6	Data reporting	16
4.7	Data file format	16
4.7.1	File format	16
4.7.2	Keyword syntax and usage	16
4.7.3	Data format identifiers	17
4.8	Useable target life	19
Annex A (informative) Gamut mapping -- Computational reference		20
Annex B (informative) Application notes		22
Bibliography		25