

ISO/PAS 15339-1:2015-08 (E)

Graphic technology - Printing from digital data across multiple technologies - Part 1: Principles

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Requirements	2
4.1 Principles and assumptions	2
4.2 Data encoding	2
4.3 Data preparation	3
4.4 Characterized reference printing conditions and colour characterization data	3
4.5 Use selection criteria for choice of characterized reference printing condition	3
4.6 Adjustment of data for substrate colour differences	4
4.7 Alternate printing reference	4
4.8 Colour profiles	4
5 Process control	5
5.1 General	5
5.2 Printing to intended gamut	5
5.3 Determine colour characterization	6
5.4 Maintain running characteristics of the printing device	6
5.4.1 Tools and procedures	6
5.4.2 Tolerances	7
5.5 Job content specific adjustments	7
Annex A (normative) Correction of colorimetric data for variation in substrate colour	8
Annex B (informative) Tolerancing schema	10
Annex C (informative) Process independent workflow	14
Bibliography	15