

ISO 18905:2002-11 (E)

Imaging materials - Ammonia-processed diazo photographic film - Specifications for stability

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Film base requirements	3
5	Processed film requirements	3
5.1	Safety film	3
5.2	Tensile properties and loss in tensile properties	3
6	Requirements for the emulsion and backing layers of processed film	4
6.1	Layer adhesion	4
6.2	Blocking	4
6.3	Binder stability	4
6.4	Thermal sticking	4
7	Image stability requirements	4
7.1	Proper development	4
7.2	Light-fading	5
7.3	Dark-ageing	5
8	Test methods	5
8.1	Identification of film base	5
8.2	Accelerated-ageing conditions	6
8.3	Tensile property test for processed film	6
8.4	Tape-stripping adhesion test	7
8.5	Humidity-cycling adhesion test	7
8.6	Blocking test	8
8.7	Thermal sticking test	9
9	Image test methods	9
9.1	Densitometry	9
9.2	Proper development test	9
9.3	Light-fading test	9
9.4	Dark-ageing test	10
10	Classification for reporting	10
Annex A (informative) Numbering system for related International Standards		11
Annex B (informative) Distinction between film storage (record) copies and work (reference) copies		13
Annex C (informative) Microfilm image quality		14
Annex D (informative) Light-fading of diazo images		16
Bibliography		17