

# ISO 11798:2023-06 (E)

## Information and documentation - Permanence and durability of writing, printing and copying on paper - Requirements and test methods

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		vi
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	2
4	Preparation of specimens .....	4
4.1	Performance testing paper .....	4
4.2	Conditioning of document substrates and recording atmosphere .....	4
4.3	Guidance for sample preparation .....	4
4.4	Conditioning of specimens .....	5
4.5	Reference material used for testing of mechanical properties .....	5
5	Required characteristics .....	5
5.1	General .....	5
5.2	Colour fastness .....	5
5.3	Visual appearance .....	6
5.4	Lightfastness .....	7
5.5	Water resistance .....	7
5.6	Transfer of recording .....	7
5.7	Abrasion resistance .....	7
5.8	Resistance to heat .....	7
5.9	Effects of recording on the mechanical strength of the paper .....	7
5.9.1	General .....	7
5.9.2	Tensile energy absorption .....	8
5.9.3	Folding endurance .....	8
6	Test method and procedure .....	8
6.1	General .....	8
6.2	Colour fastness .....	8
6.3	Visual appearance .....	9
6.4	Lightfastness .....	9
6.5	Water resistance .....	10
6.6	Transfer of recording .....	10
6.7	Abrasion resistance .....	11
6.8	Resistance to heat .....	12
6.9	Effects of recording on the mechanical strength of the paper .....	12
6.9.1	General .....	12
6.9.2	Tensile energy absorption .....	12
6.9.3	Folding endurance .....	13
7	Test report .....	14
Annex A (normative)	Performance testing paper .....	15
Annex B (normative)	Specimen preparation .....	16

<b>Annex C (normative) Printout templates for sample preparation of printers and copying machines .</b>	<b>18</b>
<b>Annex D (informative) Reporting forms .....</b>	<b>24</b>
<b>Bibliography .....</b>	<b>27</b>