

DIN EN ISO 5270:2013-02 (E)

Pulps - Laboratory sheets - Determination of physical properties (ISO 5270:2012)

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Principle	6
4	Apparatus 2 5 Trimmed laboratory sheets	6
5.1	Selection of laboratory sheets	6
5.2	Conditioning of laboratory sheets	6
5.3	Optical properties	7
5.4	Determination of grammage, bulking thickness and apparent bulk density	7
5.5	Preparation of test pieces	7
6	Procedures for physical properties ("low grammage" sheets)	8
6.1	General	8
6.2	Tensile properties	9
6.3	Tear index	9
6.4	Burst index	9
6.5	Air permeance	9
6.6	Folding endurance	9
7	Procedures for physical properties ("high grammage" sheets)	10
7.1	General	10
7.2	Bending resistance index	10
7.3	Flat crush resistance index after laboratory fluting	10
7.4	Ring crush resistance index	10
7.5	Short span compression index	10
7.6	Z-directional tensile strength	11
8	Test report	11
Bibliography		12