DIN ISO 8791-4:2023-08 (E)

Paper and board - Determination of roughness/smoothness (air leak methods) - Part 4: Print-surf method (ISO 8791-4:2021)

Contents

Page

National foreword 3

National Annex NA (informative) **Bibliography** 4

Foreword 5

1 Scope 6

2 Normative references 6

3 Terms and definitions 6

4 Principle 6

5 Apparatus 7

5.1 Print-surf tester (two types) 7

5.2 Principal components of the system 8

5.3 Measuring system 12

6 Sampling 12

7 Condition 12

8 Preparation of test pieces 12

9 Procedure 12

10 Calculation 14

11 Precision 14

12 Test report 14

Annex A Calculation of roughness in micrometres 15

Annex B (normative) **Maintenance of Print-surf roughness testers** 16

Annex C (normative) **Calibration of variable-area flowmeters** 18

Annex D (informative) **Precision** 20

Bibliography 21