

DIN ISO 1924-3:2007-06 (E)

Paper and board - Determination of tensile properties - Part 3: Constant rate of elongation method (100 mm/ min) (ISO 1924-3:2005)

| Contents | Page |
|---|-------------|
| Introduction | 4 |
| 1 Scope | 5 |
| 2 Normative references | 5 |
| 3 Terms and definitions..... | 5 |
| 4 Principle..... | 6 |
| 5 Apparatus | 6 |
| 6 Calibration and adjustment of apparatus..... | 8 |
| 7 Sampling and preparation of test pieces | 8 |
| 7.1 Sampling..... | 8 |
| 7.2 Conditioning..... | 8 |
| 7.3 Preparation of test pieces..... | 8 |
| 8 Procedure | 8 |
| 9 Calculation and report..... | 9 |
| 9.1 Tensile strength | 9 |
| 9.2 Tensile index | 10 |
| 9.3 Strain at break | 10 |
| 9.4 Tensile energy absorption | 10 |
| 9.5 Tensile energy absorption index..... | 11 |
| 9.6 Tensile stiffness..... | 11 |
| 9.7 Tensile stiffness index | 12 |
| 9.8 Modulus of elasticity | 12 |
| 10 Precision | 12 |
| 10.1 Repeatability..... | 12 |
| 10.2 Reproducibility..... | 12 |
| 11 Test report | 13 |
| Bibliography | 14 |