

TAPPI standards (Number and Title)

Fibrous Materials and Pulp Testing

- T 200 Laboratory Beating of Pulp (Valley Beater Method)
- T 204 Solvent Extractives of Wood and Pulp
- T 205 Forming Handsheets for Physical Tests of Pulp
- T 207 Water Solubility of Wood and Pulp
- T 210 Sampling and Testing Wood Pulp Shipments for Moisture
- T 211 Ash in Wood, Pulp, Paper, and Paperboard: Combustion at 525°C
- T 212 One Percent Sodium Hydroxide Solubility of Wood and Pulp
- T 213 Dirt in Pulp
- T 218 Forming Handsheets for Reflectance Testing of Pulp (Büchner Funnel Procedure)
- T 220 Physical Testing of Pulp Handsheets
- T 221 Drainage Time of Pulp
- T 222 Acid Insoluble Lignin in Wood and Pulp
- T 223 Pentosans in Wood and Pulp
- T 226 Specific External Surface of Pulp
- T 227 Freeness of Pulp (Canadian Standard Method)
- T 230 Viscosity of Pulp (Capillary Viscometer Method)
- T 231 Zero-Span Breaking Strength of Pulp (Dry Zero-Span Tensile)
- T 232 Fiber Length of Pulp by Projection
- T 233 Fiber Length of Pulp by Classification
- T 234 Coarseness of Pulp Fibers
- T 235 Alkali Solubility of Pulp at 25°C
- T 236 Kappa Number of Pulp
- T 237 Carboxyl Content of Pulp
- T 240 Consistency (Concentration) of Pulp Suspensions
- T 244 Acid-Insoluble Ash in Wood, Pulp, Paper, and Paperboard
- T 245 Silicates and Silica in Pulp (Wet Ash Method)
- T 248 Laboratory Beating of Pulp (PFI Mill Method)
- T 249 Carbohydrate Composition of Extractive-Free Wood and Wood Pulp by Gas-Liquid Chromatography
- T 252 pH and Electrical Conductivity of Hot Water Extracts of Pulp, Paper, and Paperboard
- T 254 Cupriethylenediamine Disperse Viscosity of Pulp (Falling Ball Method)
- T 255 Water Soluble Sulfates in Pulp and Paper
- T 256 Water Soluble Chlorides in Pulp and Paper
- T 257 Sampling and Preparing Wood for Analysis
- T 258 Basic Density and Moisture Content of Pulpwood
- T 259 Species Identification of Nonwood Plant Fibers
- T 261 Fines Fraction by Weight of Paper Stock by Wet Screening
- T 262 Preparation of Mechanical Pulps for Testing
- T 263 Identification of Wood Fibers from Conifers
- T 264 Preparation of Wood for Chemical Analysis
- T 265 Natural Dirt in Wood Chips
- T 266 Determination of Sodium, Calcium, Copper, Iron, and Manganese in Pulp and Paper by Atomic Absorption Spectroscopy
- T 267 Compression Wood Identification in Pulpwood
- T 268 Weight-Volume Measurement of Pulpwood

- T 271 Fiber Length of Pulp and Paper by Automated Optical Analyzer Using Polarized Light
- T 272 Forming Handsheets for Reflectance Testing of Pulp (Sheet Machine Procedure)
- T 274 Laboratory Screening of Pulp (MasterScreen-Type Instrument)
- T 275 Screening of Pulp (Somerville-Type Equipment)
- T 277 Macro Stickies Content in Pulp: the "Pickup" Method
- T 278 Pulp Screening (Valley-Type Screening Device)
- T 280 Acetone Extractives of Wood and Pulp
- T 281 Open Drum Washer Mat Sampling Technique
- T 282 Hexeneuronic Acid Content of Chemical Pulp

Paper and Paperboard Testing

- T 400 Sampling and Accepting a Single Lot of Paper, Paperboard, Fiberboard, or Related Product
- T 401 Fiber Analysis of Paper and Paperboard 9184 (5 parts)
- T 402 Standard Conditioning and Testing Atmospheres for Paper, Board, Pulp Handsheets, and Related Products
- T 403 Bursting Strength of Paper
- T 404 Tensile Breaking Strength and Elongation of Paper and Paperboard (Using Pendulum Type Tester)
- T 405 Petroleum Wax in Impregnated Papers
- T 406 Reducible Sulfur in Paper and Paperboard
- T 408 Rosin in Paper and Paperboard
- T 409 Machine Direction of Paper and Paperboard
- T 410 Grammage of Paper and Paperboard (Weight Per Unit Area)
- T 411 Thickness (Caliper) of Paper, Paperboard, and Combined Board
- T 412 Moisture in Paper and Paperboard
- T 413 Ash in Wood, Pulp, Paper and Paperboard: Combustion at 900°C
- T 414 Internal Tearing Resistance of Paper (Elmendorf Type Method)
- T 418 Organic Nitrogen in Paper and Paperboard
- T 419 Starch in Paper
- T 423 Folding Endurance of Paper (Schopper Type Tester)
- T 425 Opacity of Paper (15/d geometry, Illuminant A/2°, 89% Reflectance Backing and Paper Backing)
- T 428 Hot Water Extractable Acidity or Alkalinity of Paper
- T 429 Alpha-Cellulose in Paper
- T 430 Copper Number of Pulp, Paper, and Paperboard
- T 431 Ink Absorbency of Blotting Paper
- T 432 Water Absorbency of Bibulous Papers
- T 433 Water Resistance of Sized Paper and Paperboard (Dry Indicator Method)
- T 434 Acid-Soluble Iron in Paper
- T 435 Hydrogen Ion Concentration (pH) of Paper Extracts (Hot Extraction Method)
- T 437 Dirt in Paper and Paperboard
- T 438 Zinc and Cadmium in Paper
- T 441 Water Absorptiveness of Sized (Non-bibulous) Paper, Paperboard, and Corrugated Fiberboard (Cobb Test)
- T 444 Silver Tarnishing by Paper and Paperboard
- T 448 Water Vapor Transmission Rate of Paper and Paperboard at 23°C and 50% RH

- T 449 Bacteriological Examination of Paper and Paperboard
- T 452 Brightness of Pulp, Paper, and Paperboard (Directional Reflectance at 457 nm)
- T 453 Effect of Dry Heat on Properties of Paper and Board
- T 454 Turpentine Test for Voids in Glassine and Greaseproof Papers
- T 455 Identification of Wire Side of Paper
- T 456 Wet Tensile Breaking Strength of Paper and Paperboard (“Wet Tensile Strength”)
- T 458 Surface Wettability of Paper (Angle of Contact Method)
- T 459 Surface Strength of Paper (Wax Pick Test)
- T 460 Air Resistance of Paper (Gurley Method)
- T 461 Flame Resistance of Treated Paper and Paperboard
- T 462 Castor Oil Penetration Test for Paper
- T 464 Water Vapor Transmission Rate of Paper and Paperboard at High Temperature and Humidity
- T 465 Static Creasing of Paper for Water Vapor Transmission
- T 476 Abrasion Loss of Paper and Paperboard (Taber-Type Method)
- T 479 Smoothness of Paper (Bekk Method)
- T 480 Specular Gloss of Paper and Paperboard at 75°
- T 483 Odor of Packaging Materials
- T 487 Fungus Resistance of Paper and Paperboard
- T 489 Bending Resistance (Stiffness) of Paper and Paperboard (Taber-type Tester in Basic Configuration)
- T 491 Water Immersion Test of Paperboard
- T 493 Identification and Determination of Melamine Resin in Paper
- T 494 Tensile Properties of Paper and Paperboard (Using Constant Rate of Elongation Apparatus)
- T 496 Specimen Preparation for Cross Directional Internal Tearing Resistance for Paper, Paperboard and Related Materials
- T 500 Book Bulk and Bulking Number of Paper
- T 502 Equilibrium Relative Humidity of Paper and Paperboard
- T 504 Glue in Paper (Qualitative and Quantitative Determination)
- T 507 Grease Resistance of Flexible Packaging Materials
- T 509 Hydrogen Ion Concentration (pH) of Paper Extracts (Cold Extraction Method)
- T 511 Folding Endurance of Paper (MIT Tester)
- T 512 Creasing of Flexible Packaging Material Paper Specimens for Testing
- T 515 Visual Grading and Color Matching of Paper
- T 516 Envelope Seal, Seam, and Window Patch Testing
- T 519 Diffuse Opacity of Paper (d/0 paper backing)
- T 520 Curl of Gummed Flat Papers
- T 523 Dynamic Measurement of Water Vapor Transfer Through Sheet Materials
- T 524 Color of paper and paperboard (45/0, C/2)
- T 525 Diffuse Brightness of Pulp (d/0)
- T 526 Blister Resistance of Coated Paper in Heatset Printing
- T 527 Color of paper and paperboard (d/0, C/2)
- T 529 Surface pH Measurement of Paper
- T 530 Size Test for Paper by Ink Resistance (Hercules-Type Method)
- T 531 Starch Consumption in Corrugated Board (Enzymatic/Gravimetric Method)
- T 532 Starch Consumption in Corrugated Board (Enzymatic/Colorimetric Method)
- T 534 Brightness of Clay and Other Mineral Pigments (d/0)
- T 536 Resistance of Paper to Passage of Air (High Pressure Gurley Method)

- T 537 Dirt Count in Paper and Paperboard (Optical Character Recognition – OCR)
- T 538 Smoothness of Paper and Paperboard (Sheffield Method)
- T 541 Internal Bond Strength of Paperboard (Z-Direction Tensile)
- T 543 Bending Resistance of Paper (Gurley-Type Tester)
- T 544 Effect of Moist Heat on Properties of Paper and Board
- T 545 Cross-Machine Grammage Profile Measurement (Gravimetric Method)
- T 546 Machine Direction Grammage Variation Measurement (Gravimetric Method)
- T 547 Air Permeance of Paper and Paperboard (Sheffield Method)
- T 549 Coefficients of Static and Kinetic Friction of Uncoated Writing and Printing Paper by Use of the Horizontal Plane Method
- T 550 Determination of Equilibrium Moisture in Pulp, Paper and Paperboard for Chemical Analysis
- T 551 Thickness of Paper and Paperboard (Soft Platen Method)
- T 552 Determination of Wetting Tension of Polymeric Films and Coated Surfaces via the Mayer Rod Technique
- T 553 Alkalinity of Paper as Calcium Carbonate (Alkaline Reserve of Paper)
- T 555 Roughness of Paper and Paperboard (Print-Surf Method)
- T 556 Bending Resistance of Paper and Paperboard (Lorentzen & Wettre Type Tester)
- T 558 Surface Wettability and Absorbency of Sheeted Materials Using an Automated Contact Angle Tester
- T 559 Grease Resistance Test for Paper and Paperboard
- T 560 CIE Whiteness and Tint of Paper and Paperboard (Using d/0, Diffuse Illumination and Normal Viewing)
- T 562 CIE Whiteness and Tint of Paper and Paperboard (Using 45/0 Directional Illumination and Normal Viewing)
- T 563 Equivalent Black Area (EBA) and Count of Visible Dirt in Pulp, Paper and Paperboard by Image Analysis
- T 564 Transparent Chart for the Estimation of Defect Size
- T 566 Bending Resistance (Stiffness) of Paper (Taber-type Tester in 0 to 10 Taber Stiffness Unit Configuration)
- T 567 Determination of Effective Residual Ink Concentration (ERIC) by Infrared Reflectance Measurement
- T 568 Physical Area of Sub-Visible Contraries in Pulp, Paper and Paperboard by Image Analysis
- T 569 Internal Bond Strength (Scott Type)
- T 570 Resistance to Mechanical Penetration of Sanitary Tissue Paper (Ball Burst Procedure)
- T 571 Diffuse Brightness of Paper and Paperboard (d/0) (T 571 withdrawn in 2006)
- T 572 Accelerated Pollutant Aging of Printing and Writing Paper by Pollution Chamber Exposure Apparatus
- T 573 Accelerated Temperature Aging of Printing and Writing Paper by Dry Oven Exposure Apparatus
- T 574 Wax in Pulp, Paper and Paperboard
- T 575 Roughness of Paper and Paperboard, Stylus (Emveco-Type) Method
- T 576 Tensile Properties of Towel and Tissue Products (Using Constant Rate of Elongation Apparatus)
- T 577 Score Bend Test

Nonfibrous Materials Testing

- T 600 Analysis of Formaldehyde in Aqueous Solutions of Free Formaldehyde in Resins
- T 602 Analysis of Sulfuric Acid
- T 604 Sulfur Dioxide in Sulfite Cooking Liquor
- T 605 Reducing a Gross Sample of Granular or Aggregate Material to Testing Size
- T 607 Analysis of Casein
- T 610 Preparation of Indicators and Standard Solutions
- T 611 Analysis of Bleaching Powder, Calcium Hypochlorite Bleach Liquor and Bleach Sludge
- T 613 Analysis of Caustic Soda
- T 617 Analysis of Lime
- T 618 Analysis of Limestone
- T 619 Analysis of Salt Cake
- T 621 Analysis of Rosin
- T 622 Analysis of Sodium Hydrosulfite
- T 624 Analysis of Soda and Sulfate White and Green Liquors
- T 627 Determination of Titanium Dioxide
- T 628 Analysis of Rosin Size
- T 631 Microbiological Enumeration of Process Water and Slush Pulp
- T 632 Analysis of Sodium Silicate
- T 646 Brightness of Clay and Other Mineral Pigments (45/0)
- T 648 Viscosity of Coating Clay Slurry
- T 650 Solids Content of Black Liquor
- T 653 Specular Gloss of Paper and Paperboard at 20°
- T 656 Measuring, Sampling, and Analyzing White Waters
- T 657 Sampling of Fillers and Pigments
- T 665 Analysis of Talc
- T 676 Viscosity of Starch and Starch Products
- T 684 Gross Heating Value of Black Liquor
- T 692 Determination of Suspended Solids in Kraft Green and White Liquor
- T 697 Accelerated Test for Viscosity Stability of Clay Slurries
- T 698 Determination of Wetting Tension of Polyethylene and Polypropylene Films and Coatings (Modified Visking Analytical Technique)
- T 699 Analysis of Pulping Liquors by Suppressed Ion Chromatography
- T 702 Rheological Measurements for Characterization of Polyolefins: Low-Density Polyethylene (LDPE) for Extrusion Coating

Container Testing

- T 800 Drum Test for Fiberboard Shipping Containers (Revolving Hexagonal Drum)
- T 801 Impact Resistance of Fiberboard Shipping Containers
- T 802 Drop Test for Fiberboard Shipping Containers
- T 803 Puncture Test of Container Board
- T 804 Compression Test of Fiberboard Shipping Containers
- T 807 Bursting Strength of Paperboard and Linerboard
- T 808 Flat Crush Test of Corrugated Board (Flexible Beam Method)
- T 809 Flat Crush of Corrugated Medium (CMT Test)
- T 810 Bursting Strength of Corrugated and Solid Fiberboard
- T 811 Edgewise Compressive Strength of Corrugated Fiberboard (Short Column)

Test)

- T 812 Ply Separation of Solid and Corrugated Fiberboard (Wet)
- T 813 Tensile Test for the Manufacturer's Joint of Fiberboard Shipping Containers
- T 815 Coefficient of Static Friction (Slide Angle) of Packaging and Packaging Materials (Including Shipping Sack Papers, Corrugated and Solid Fiberboard) (Inclined Plane Method)
- T 818 Ring Crush of Paperboard
- T 819 Water Absorption of Corrugating Medium: Boat Method
- T 820 Flexural Stiffness of Corrugated Board
- T 821 Pin Adhesion of Corrugated Board by Selective Separation
- T 822 Ring Crush of Paperboard (Rigid Support Method)
- T 824 Fluted Edge Crush of Corrugating Medium (Flexible Beam Method)
- T 825 Flat Crush Test of Corrugated Board (Rigid Support Method)
- T 826 Short Span Compressive Strength of Paperboard
- T 829 Score Quality Test
- T 830 Ink Rub Test of Container board
- T 831 Water Absorption of Corrugating Medium: Water Drop Penetration Test
- T 832 Water Absorption of Corrugating Medium: Float Curl Method
- T 834 Determination of Paperboard Roll Hardness
- T 835 Water Absorption of Corrugating Medium: Water Drop Absorption Test
- T 836 Bending Stiffness, Four Point Method
- T 838 Edge Crush Test Using Neckdown
- T 839 Edgewise Compressive Strength of Corrugated Fiberboard Using the Clamp Method (Short Column Test)
- T 840 Testing Adhesives Used in Glued Lap Joints of Corrugated Fiberboard Containers
- T 841 Edgewise Compressive Strength of Corrugated Fiberboard Using the Morris Method (Short Column Test)
- T 843 Fluted Edge Crush of Corrugating Medium (Rigid Support Method)

Structural Materials Testing

- T 1001 Forming Insulating Boards for Physical Tests
- T 1002 Drainage Time of Pulp for Insulating Board
- T 1006 Testing of Fiber Glass Mats: Use of Modified TAPPI Procedures for Sampling and Lot Acceptance, Stiffness, Tear Resistance, and Thickness
- T 1007 Sample Location for Fiber Glass Mat Sheets
- T 1008 Test Conditions for Fiber Glass Mat Test Methods
- T 1009 Tensile Strength and Elongation at Break for Fiber Glass Mats
- T 1011 Basis Weight of Fiber Glass Mats
- T 1012 Moisture Content of Fiber Glass Mats
- T 1013 Loss on Ignition of Fiber Glass Mats
- T 1014 Moisture Sensitivity of Fiber Glass Mats
- T 1015 Fiber Glass Mat Uniformity (Visual Defects)
- T 1016 Average Fiber Diameter of Fiber Glass Mats

Testing Practices

- T 1200 Interlaboratory Evaluation of Test Methods to Determine TAPPI Repeatability and Reproducibility
- T 1205 Dealing with Suspect (Outlying) Test Determinations

- T 1210 Units of Measurement and Conversion Factors
- T 1211 Acceptance Procedures for Calibration Laboratories
- T 1212 Light Sources for Evaluating Papers, Including Those Containing Fluorescent Whitening Agents
- T 1214 Interrelation of Reflectance, R_0 ; Reflectivity, R_∞ ; TAPPI Opacity, $C_{0.89}$; Scattering, s ; and Absorption, k
- T 1215 The Determination of Instrumental Color Differences
- T 1216 Indices for Whiteness, Yellowness, Brightness, and Luminous Reflectance Factor
- T 1217 Photometric Linearity of Optical Properties Instruments
- T 1218 Calibration of Reflectance Standards for Hemispherical Geometry
- T 1219 Storage of Paper Samples for Optical Measurements and Color Matching

Specifications, Glossaries, and Guidelines

- T 1500 Optical Measurements Terminology (Related to Appearance Evaluation of Paper)