

Available Tests for Paper Physical Testing

Abrasion, Taber, Dry
Abrasion, Taber, Wet
Absorption, Castor Oil
Absorption, Oil
Absorption, Water
Absorption, Water, Bibulous Papers
Absorption, Water, Corrugating Medium
Absorption, Water, Corrugating Medium, Drop Penetration
Absorption, Water, Corrugating Medium, Float Curl Method
Accelerated Aging, Dry
Accelerated Aging, Moist
Basis Weight
Basis Weight of Combined Board Components
Box Compression
Box Blank Dimensioning
Brightness, Diffuse
Brightness, Directional (GE or TAPPI)
Brightness, Powder
Brightness, Pulp (d/0o)
Brightness Reversion
Bristow Absorption
Burst, Paper
Burst, Board
Burst, Combined Board
Caliper, Hard Platen
Caliper, Soft Platen
Cobb Water Absorption
Color (45o/0o geometry)
Color (d/0o geometry)
Compression, Axial (End-to-End) of Composite Tubes/Cores
Concora, CMT, Flat Crush
Contact Angle
Crack Angle
Crush, Side-to-Side of Composite tubes and cores
Curl
Curl, Gummed Papers
Density (in addition to basis weight & caliper)
Dirt Count
Edge Crush (ECT)
Edge Crush (ECT) (Clamp Method)
Elastic Modulus (Ultrasonic) (Ex, Ey, Gxy - In Plane)
Elastic Modulus (Ultrasonic) (Ez - Out-of-Plane)
Elastic Modulus (Ultrasonic) (Gxz - MD Out-of-Plane)
Elastic Modulus (Ultrasonic) (Gyz - CD Out-of-Plane)
Environmental Chamber, Use of
Fadeometer (up to 32 specimens)
Fiber Orientation (Ultrasonic) (Polar Plot)
Fines Fraction (Britt Jar)
Flat Crush (Combined Board), Flexible Beam
Flat Crush (Combined Board), Rigid Beam
Flexural Stiffness (4-Pt. Beam)
Fluorescence Component, Diffuse
Fluorescence Component, Directional (TAPPI)
Fold, MIT
Fold, Schopper
Formation, M/K (subcontracted)
Friction, Coefficient of, Static and Kinetic (93g. sled, 1"X 3")
Friction, Coefficient of, Static and Kinetic, Writing Paper
Friction, Coefficient of, Static and Kinetic, Board
Friction, Coefficient of, Hot
Gloss, 75o
Grinding
Hercules Size Test
Hygroexpansivity (up to 20 specimens/cabinet)
K & N Ink Smear
Manufacturer's Glue Joint
Moisture Content
Needle Abrasion
Opacity, Contrast Ratio (15o, A/2o, 89%)
Opacity, Printing (d/0o, C/2o, paper)
Opacity, Scattering/Absorption Coefficient
Peel
Peel (Keil Wheel)
Pin Adhesion
Ply Separation of Wet Fiberboard
Polar Plot (Ultrasonic Fiber Orientation)
Pore Size Distribution
Porosity, Bendtsen
Porosity, Frazier
Porosity, Gurley, LP
Porosity, Gurley, HP
Porosity, Parker Print-Surf
Puncture
Resistivity, D-C (Keithley Method) (surface & volume)
Ring Crush (Flexible Beam Method)
Ring Crush (Rigid Support Method)
Roughness, Bendtsen
Roughness, Emveco Stylus
Roughness, Parker Print-Surf
Roughness, Sheffield
Rub, Ink on Containerboard
Rub, Sutherland (Dry Ink on Printed Surface)
Rub, Sutherland (Dry Rub, Wet Rub, or Wet Bleed/Smear)
Runnability
STFI (Short-Span Compression)
Stiffness, Taber
Stiffness, Gurley
Surface Energy
Tear
Tensile, Stretch, TEA, Modulus, Dry
Tensile, Stretch, TEA, Modulus, Wet (immersion only)
Tensile, Z-Direction
Tensile, Z-Direction, Epoxy
Tensile, Short-Span, Dry (0.2mm/0.4mm)
Tensile, Short-Span, Wet (0.2mm/0.4mm)
Tensile, Zero-Span, Dry
Tensile, Zero-Span, Wet
Ultrasonic In-Plane Stiffness/Shear (Ex, Ey, Gxy)
Ultrasonic Out-of-Plane Z-Dir Longitudinal Stiffness (Ez)
Ultrasonic Out-of-Plane Z-Dir MD Shear (Gxz)
Ultrasonic Out-of-Plane Z-Dir CD Shear (Gyz)
W.V.T.R., (73oF, 50% RH)
W.V.T.R., (100oF, 90% RH)
W.V.T.R. Creasing
Wax Pick
Whiteness, CIE