

## Linerboard Tests

<i>Test (units) and Purpose:</i>	<i>Test Method:</i>
<b>Basis Weight (lbs/1000 sq ft)</b> To determine the weight per unit area.	TAPPI T 410 and continuous on machine measurement
<b>Brightness</b> To determine the brightness.	ISO T-2469 & T-2470
<b>Brust (psi)</b> To measure the bursting or mullen strength.	TAPPI T 807
<b>Caliper (mils, 1/1000 inch)</b> To measure the thickness of a single sheet.	TAPPI T 411
<b>Cobb 2 Minute (TOP), g/m<sup>2</sup></b> To measure the quantity of water absorbed into the sheet.	TAPPI T 441
<b>Cobb 30 Minute (TOP), g/m<sup>2</sup></b> To measure the quantity of water absorbed into the sheet.	ISO 536-1976 (E) UN Standard
<b>Coefficient of Friction, Inclined plane Method (Slide Angle)</b> To measure the resistance to movement of one board surface against another.	TAPPI T 815
<b>Moisture Tests (%)</b> To determine the moisture content and variability.	TAPPI T 412 and continuous on machine measurement
<b>Peel, ft-lb/in<sup>2</sup></b> To measure the internal fiber bond strength.	TAPPI um-808
<b>Porosity, sec/100cc</b> To measure the resistance to the passage of air.	TAPPI T 460
<b>Ring Crush, lb<sub>r</sub></b> To determine the edgewise compressive strength.	TAPPI T 822
<b>Roll Hardness (Schmidt Hammer Value)</b> To determine the variability of hardness across the roll.	TAPPI T 834
<b>Scott Plybond (psi)</b> To measure the internal fiber bond strength.	TAPPI um-403
<b>Smoothness (Sheffield Units)</b> To measure the extent of air leakage between the sample and metal bands.	TAPPI T 538
<b>Smoothness (Print Surf microns)</b> To measure the flow between the edge of the measuring land and the sample.	TAPPI T 555
<b>STFI, lb<sub>r</sub>/in</b> To determine the edgewise compressive strength.	TAPPI T 826
<b>Wax Pick (Wax Strength No.)</b> To measure the surface resistance to picking.	TAPPI T 459