

# Useful Methods

## Numerical Listing

NOTE: This list was updated July 1, 2015.

wd = Withdrawn

### Fibrous Materials Testing

UM 3	2015	Determination of useful fiber in bagasse
UM 23	2015	Bulk density of wood chips

### Pulp Testing

UM 200	2012	Brightness loss of bleached pulp
UM 203	2015	Freeness of pulp (Williams tester)
UM 205	2015	Dirt in pulp (measured by transmitted light)
UM 213	2012	Repulpability of splices/splicing tape
UM 221	2015	Laboratory processing of pulp (plate refiner)
UM 240	2015	Shive content of mechanical pulp (laboratory flat screen)
UM 242	2015	Shive content of mechanical pulp (Somerville fractionator)
UM 253	2015	Laboratory processing of pulp (ball or pebble-mill method)
UM 251	2013	Permanganate number of pulp
UM 256	2015	Water retention value (WRV)
UM 258	2015	Laboratory processing of pulp (Kollergang method)

### Paper Testing

UM 411	2015	Opacity of paper using 45° reflectometer
UM 542	2015	Amount of coating on mineral-coated paper
UM 554	2015	Polystyrene in paper products
UM 555	2015	Testing of grease-repellant treated paper
UM 566	2015	Wetting shipping sack paper for testing
UM 573	2015	Water vapor permeability of sheet materials at -18°C (0°F)
UM 579	2015	Water repellency of paper and boards
UM 590	2015	Creasing (using steel rules) of paperboard for water vapor transmission (WVTR) testing
UM 596	2015	Water absorbency of nonbibulous paperboard

### Nonfibrous Materials Testing

UM 658	2015	Color strength and shade of dye
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### Container Testing

UM 821	wd-2014	A non-destructive production tool to measure the general flute quality and damage of corrugated board using resonance frequency technology
UM 822	2012	Green peel bond procedure at the corrugator
UM 823	2015	Testing adhesives used in glued lap joints of corrugated fiberboard containers