



PNSHAR



COBB Tester

PN-COBB

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Description

The ability of a hygroscopic material to resist the penetration of water is referred to as a Cobb Test. The Water absorptiveness (Cobb Value) of a substance is defined as the mass of water absorbed in a specific time by a 1 square meter sample of paper, cardboard or corrugated fiberboard.

Specifically, this test permits the determination of the quantity of water that can be absorbed by the surface of paper, cardboard or corrugated fiberboard in a specified time under standardized conditions. Water absorption is a function of various paper and cardboard characteristics such as sizing, porosity, etc.

PN-COBB Tester is designed to measure the amount of water absorbed by a sized paper, cardboard or corrugated fiberboard, is not suitable for paper and cruddy paper with a density lower than 50 g/m.

The PN-COBB Tester consists of a cylindrical container clamped to a flat metal base plate and a none-absorbent soft rubber seal to avoid leaking.

PN-COBB Tester is designed to meet international standards.

Applications

It applies for determining the water absorption of paper, cardboard, corrugated fiberboard

Standards


TAPPI T441, ISO 535, GB/T1540, QB/T1668

Specification	
Test Area	100±0.2cm ²
Test water	100±5ml
Roll Length	200±0.5mm
Roll Mass	10±0.5kg
Application	Paper, Cardboard, Corrugated Fiberboard
Dimension	396 X 315 X 300 mm
Weight	32 Kg.



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