



WET SHEAR ADHESION TESTER Model WS-21

Method to determine the resistance of glues in corrugated cardboard by immersion in water

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APPLICABLE STANDARDS:

Variation of the TAPPI T842 Standard

TEST DESCRIPTION

The WS-21 is an automatic wet shear equipment with a variation on the TAPPI T842 standard. The WS-21 allows us to obtain the release time (seconds) of the glue in corrugated cardboard samples submerged in water and subjected to a certain constant tension (Wet Shear Adhesion Test)

A force of 1 or 2 kilograms is applied, depending on the strength of the cardboard to be tested. The Wet Shear test is very important for all those corrugated cardboard boxes that are going to be subjected to low temperatures and high humidity during the supply chain (boxes for fruit, frozen, fresh food, etc.)

- Allows to determine the resistance of glues in corrugated cardboard
- Measures the time from failure to takeoff, applying certain weights (1 or 2 kilograms)
- Corrugated cardboard samples are immersed in water
- Touch screen with electronic counter
- CE marking



POWER SUPPLY: 110V/60Hz or 220V/50Hz single-phase

DIMENSIONS OF TESTING MACHINE: 485 x 210 x 385 mm (W x D X H)

DIMENSIONS OF TRANSPORT PACKAGING: 720 x 440 x 610 mm (W x D X H)

NET WEIGHT: 46 Kg (including accessories)

GROSS WEIGHT: 66 Kg (Wooden packaging with phytosanitary treatment)

STANDARD SUPPLY CONTENT:

- * Wet Shear Adhesion Tester model WS-21
- * Weights to achieve applied force of 1 and 2 kilograms
- * Corrugated cardboard sample grips