I.W. Tremont
Technical and Specialty Papers
ISO 9001:2015 Registered

Diagnostic Materials

Grade WT-2500hpc

Cotton Linter Paper

Material class: High Purity Cellulose Paper

Physical Properties

Grade Nomenclature	Surface	Material Type	Thickness (mm)	Retention	Basis Weight (g/m^2)
WT-2500hpc	Very Smooth Bright White	Alpha Cotton Linter Cellulose Paper	0.19	25µm	80

Additional notes:

Ideally suited as a high resolution indicator paper and specimen collection media for bioanalysis applications such as the collection of blood drops, urine or saliva. Efficient when used as a wick or absorbent pad under membrane for lateral flow or cross flow designs.

This unique media is an ultra-high purity cellulose filter paper. The proprietary production methods employed produce a media, which demonstrates a highly durable surface texture without the high level of organic extractables common to traditional acid-hardening processes. The alpha cellulose content is a minimum of 97.5% or above and is single source.

High purity alpha cotton linter absorbent filter paper specifically formulated to yield a stable DNA, RNA and protein biomarker matrix for quantitative analysis. The formation is highly uniform and free from density irregularities allowing fast indication and strong line hold.

Uniform screen & felt sides with consistent density MD/CD - Manufacturing performed with RO water filtration system - This media demonstrates excellent lot-to-lot reproducibility - Material chemistries are verified against a standard using GC techniques prior to paper making process - CofC and CofA provided with shipments – Available as rolls, reels, sheets and semi-finished converted configurations.