

CritiClean Clean Twill Cleanroom Wipes

(NATURAL COTTON CLEANROOM WIPES)



CleanTwill Wipes are comprised of 100% virgin cotton that is manufactured in the United States. CleanTwill is woven from the finest, highest grade cotton into a 2x1 twill construction. It is bleached, singed, and mercerized to remove virtually all impurities that are required to meet critical federal government and major semiconductor manufacturer specification. This product contains no contaminating additives and is virtually chemical pure. It is bias cut; therefore, it is very low in particulates and stray fibers. Of course, virgin cotton is naturally absorbent, non abrasive, low in static and biodegradable.

PHYSICAL PROPERTIES:

Basis wt. (g/m ²)		162.7
Thickness (mm)		.318
Porosity (cfm)		60.8
Dry tensile strength (n/m)	MD	2.4041
	CD	2.8577
Wet tensile strength (n/m)	MD	5.2164
	CD	3.2659
Sorbency Intrinsic (ml/g)		1.59
Sorbency Extrinsic (ml/m ²)		226.97
Shrinkage (%)		<3
Particle Generation >.5 microns (IES-RP-CC004.2) (millions/m ²)		30.4
Fibers > 100 microns (in thousands/ m ²)		1.58
Extractables	ppm	
Sodium		47
Potassium		82.4
Chloride		ND<33.6

The above are typical properties and should not be construed as specifications.

Disclaimer: The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed, including without limitation any warranty of merchantability and fitness for use. All users of the material are responsible for assuring that it is suitable for their needs, environment and end use. All data is subject to change as Charlotte Safety deems appropriate.

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