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7225SE

Perotech Sciences Brand: Poly 1009

Heavy Weight Purity Wipes: Technical Information

Material Description:

Purity Wipes are composed of 100% continuous polyester fiber that is especially clean and absorbent. The knit construction and pattern has been developed to insure the greatest product integrity and cleaning performance. The edges are laser cut & sealed. Laundered Purity Wipes are extremely low in particle generation and soluble extractables. They are laundered in ultra-filtered water of 0.45µ and dried in a HEPA filtered class 1 air stream. Each wipe is inspected and hermetically sealed in "ultra clean" packages within class 10 conditions. Purity Wipes is your choice to meet the highest Cleanroom requirements.

Physical Properties

Basis Weight (oz/yd ²)	4.2
Thickness (mils)	17
Intrinsic Sorbency: (ml/g)	3.45
Extrinsic Sorbency: (ml/m ²)	347
Mullen Burst (lbs/sq.in.)	100+
Elongation ST (%)	17.5
CR (%)	96.5
Wash Shrinkage @ 120°F ST (%)	2.0
CR (%)	1.1

(Per IES-RP-CC004.2, Sec 7.1)

Extractable Ions in Deionized Water (ppm)

Chloride	ND
Sodium	ND
Potassium	ND
Magnesium	ND
Calcium	ND
Aluminum	ND

(Per IES-RP-CC004.2, Section 6.2)

Non-Volatile Residue (g/m²) (Total Extractable Matter)

Deionized Water	0.108
Isopropyl Alcohol	0.175
1,1,1- Trichloroethane	0.262

(Per IES-RP-CC004.2, Section 6.1.1)

Particle Generation

Particles >0.5 µm	2.4 x 10 ⁶ particles/m ²
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(Per IES-RP-CC004.2, Sec 5.1)

* Data represented as test results and is not meant to serve as specifications.

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Distributed by:



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