

Technical Data Sheet

SmartWipes® 413A EquaStat

Product Description

EquaStat laundered wipes are comprised of 100% polyester fiber with lines of Dupont's™ NEGASTAT® carbon yarn to promptly disperse electrical static.

Features

ESD Material: static dissipative

Integrity: interlocked knitted pattern was developed to ensure the greatest product integrity and decreases particle generation and soluble extractables.

Strong: knit construction provides strength and cleaning performance.

Laundered: laundered in ultrafiltered water of 0.45µ purity and dried in HEPA filtered Class 100 air stream.

Cleanroom Prepared: inspected, hermetically sealed and double-bag packaged within ISO Class 5 (Class 100) conditions.

Cleanroom Class

ISO 14644-1 Cleanroom Standard

US FED STD 209E Cleanroom Standard

Compatibility

ISO Class 4 - 5

Class 100

Class 10

Basis Weight

(oz/yd²) 3.4

(g/m²) 115

Thickness

(inches) 0.019

Sorbency Capacity

Intrinsic (mL/g) 2.21

Extrinsic (mL/m²) 295

Test Method IEST-RP-CC004.3

Nonvolatile Residue (NVR) (mg/g)

Deionized Water 0.018

Isopropyl Alcohol 0.033

Test Method IEST-RP-CC004.3

Ions (ppm)

Sodium 17

Chloride 17

Test Method IEST-RP-CC004.3

Particles (million/m²)

>0.5 µm 3.5

Test Method IEST-RP-CC004.3

Static Dissipative Characteristics

Surface Resistivity (Ω/square) 7x10¹¹

Packaging

Size* 9" x 9"

Wipes Per Package 150

Packages Per Case 5

*custom sizes on request: 4"x4", 12"x12"

Total Wipes Per Case 750

Case Weight & Dimensions

Weight 10.5 lbs

Dimensions 13.63" x 11.44" x 9.5"

Availability

Products are available through global sales and a nationwide network of distributors.

Environmental Policy

As a leading manufacturer and supplier of SMT production supplies; JNJ is committed to providing high quality products and services in a manner that does not impact upon, but enhances the environment.

The data supplied in this document is for guidance only and is not intended to serve as a specification or recommendation. JNJ has made suggestions on which wipes are suitable for cleanroom classifications. However, the final decision should be made by the end user for their specific application. JNJ Industries does not guarantee the accuracy of the information and does not assume liability in connection with any damages that may be incurred while using the product and reserves the right to change the above data without notice.

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