

CritiClean Ultra Class 100 Heavyweight Wipers

HEAVY WEIGHT CLEANROOM LAUNDERED KNIT WIPES



CritiClean Ultra 100 Heavyweight wipers are extremely low in particle generation and chemical extractables. The fabric consists of premium quality virgin polyester fibers that are continuously filamented throughout the knit construction. These wipers are knitted on state-of-the-art equipment especially for use in cleanrooms. This fabric undergoes a multitude of special processes that include cleaning, scouring, cutting and a special proprietary cleaning process. Most importantly, **Ultra 100 Heavyweight material** is laundered in a class 100 cleanroom using ultra-filtered water of 0.45 micron purity and HEPA-filtered air during moisture removal. These wipers are individually inspected with a lot-to-lot traceability and using ISO 9000 standards.

PHYSICAL PROPERTIES:

Basic Wt. (g/m²) 135 ± 5g/m²

Absorbency

Sorptive capacity 520 ml/m²
Sorptive rate 0.5 seconds

Extractable Ions

Sodium 69.75 µg/g
Potassium 0.9 µg/g
Chloride 4.14 µg/g
Magnesium 11.43 µg/g
Calcium 4.14 µg/g

Nonvolatile Residue

IPA extractant 0.1 g/m²
DIW extractant 0.1 g/m²

The above is typical physical property test data applicable to the sample reference name and should not be construed as a specification.

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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