



Innovative
Contamination
Solutions

TekniSat Non-woven Microfiber Wiper

Product Description

Teknisat microfiber wipes are made from 80% Polyester / 20% Nylon split fibers; providing a strong, clean, & absorbent wiper with superior wiping efficiency. Saturated with ultra pure Isopropyl Alcohol & 18Mohm DI water at ideal saturation level provide excellent wipe down/pick up performance. An ideal choice for critical cleaning in controlled environments of all industries. Class 1000 Compatible

Composition & Attributes

- * Hydro-Entangled 80% Polyester/20% Nylon Split Fibers
- * Pre-wet with ultra-pure IPA & DIW; 09/91 & 70/30
- * Low particle and fiber generation in rugged use
- * High liquid absorbency per basis weight
- * Maintains hi strength in wet applications



Applications

- * Ideal for cleanroom, equipment or critical product cleaning
- * Reduce IPA usage, VOC levels & improve cleaning performance
- * Compatible with ISO Class 5+ (Class 100) cleanroom environments
- * Autoclavable for Aseptic environments

Physical Properties

- * Basis Weight 80g/m² (+/-2g/m²)
- * Material 80% Polyester/20% Nylon
- * Absorbency Sorptive Capacity: 390ml/m²
Sorptive Rate: < 2 second

Purity Specifications

* Particles & Fibers

Particles (0.5-100um)
Fibers (>100um)

Upper Limits

50 x 10⁶/m²
.35 x 10⁶/m²

Typical Values

30 x 10⁶/m²
.18 x 10⁶/m²

Test Method

Orbital Shake Test IEST-4.3-6.1.4

* Nonvolatile Residue

IPA Extractant
DIW Extractant

0.05 g/m²
0.03 g/m²

0.03 g/m²
0.02 g/m²

Short Term Extraction IEST-4.3-7.1.2

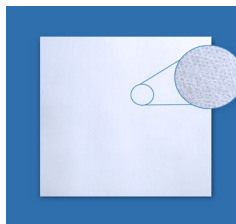
* Ions

Chloride (Cl-)
Calcium (Ca²⁺)
Potassium (K+)
Magnesium (Mg²⁺)
Sodium (Na+)

<20 ppm / ug/g
<30 ppm / ug/g
<30 ppm / ug/g
<30 ppm / ug/g
<30 ppm / ug/g

<12 ppm / ug/g
<21 ppm / ug/g
<23 ppm / ug/g
<25 ppm / ug/g
<23 ppm / ug/g

Standard Extractable Method IEST-4.3-7.2.2.1B



Ordering Information

Product

TS1MFI09-99
TS1MFI30-99
TS1MFI70-99
TS1MFI85-99
TS1MFI100-99
TS1MFR-99

Size

9% IPA / 91% DIW 9" x 9" (23cm x 23cm)
30% IPA / 70% DIW 9" x 9" (23cm x 23cm)
70% IPA / 30% DIW 9" x 9" (23cm x 23cm)
85% IPA / 15% DIW 9" x 9" (23cm x 23cm)
100% IPA 9" X 9" (23cm x 23cm)
100% REAGENT 9" X 9" (23cm x 23cm)

Packaging

30 Folded Sheets/Pouch, 24 Pouches/Case
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