



TekniSat Sterile Pre-saturated Polypropylene Wiper

Product Description

Teknisat polypropylene wipes are made from pure, lint free & chemically inert 100% meltblown polypropylene Ultra Pure Isopropyl Alcohol & 18Mohm DI water in precise saturation level provide excellent wipe down/pick up with economy in mind. This material & chemistry has excellent application compatibility. An ideal choice where cleanliness, compatibility, performance, & economics are important. Sterilized for use in aseptic environments
Class 100 Compatible

Composition & Attributes

- * 100% Meltblown Polypropylene
- * Pre-wet with ultra-pure blends of IPA & DIW
- * Gamma Irradiated Sterile thru Cobalt 60 processing
- * Low particle and fiber generation
- * Excellent compatibility with Acids, Bases, and Solvents
- * High liquid absorbency per basis weight
- * Maintains hi strength in wet applications



Applications

- * Works well for environmental & process cleaning in aseptic rooms
- * Excellent choice for general purpose wiping; clean & economical
- * Reduce IPA usage, VOC levels & improve cleaning performance
- * Autoclavable for Aseptic environments; Also available Validated Sterile
- * Compatible with ISO Class 5+ (Class 100) cleanroom environments

Physical Properties

- * Basis Weight 35g/m² (+/-2g/m²)
- * Material 100% Polypropylene
- * Absorbency Sorptive Capacity: 260ml/m²
Sorptive Rate: < 1 second

Purity Specifications

* Particles & Fibers

Particles (0.5-100um)	48 x 10 ⁶ /m ²
Fibers (>100um)	76,000/m ²

* Nonvolatile Residue

IPA Extractant	0.06 g/m ²
DIW Extractant	0.01 g/m ²

* Ions

Chloride (Cl-)	1 ppm / ug/g
Potassium (K+)	1 ppm / ug/g
Sodium (Na+)	2 ppm / ug/g
Total Anions	<8 ppm / ug/g

Upper Limits

Test Method

Orbital Shake Test IEST-4.3-6.1.4

Short Term Extraction IEST-4.3-7.1.2

Standard Extractable Method IEST-4.3-7.2.2.1B

Gamma Sterilization Intensity

VD MAX: > 25 kGy

Ordering Information

Product

TS1MPI70-911S

Size

70% IPA/30% DIW 9" x 11" (23 m x 28cm)

Packaging

50 Folded Sheets/Pouch, 24 Pouches/Case