

TekniSat Meltblown Polypropylene

CHARACTERISTICS

TEKNISAT Meltblown Polypropylene Wipers are 100% synthetic polypropylene fibers thermally-bonded to form an inherently low-extractable and low-shedding, chemically-resistant nonwoven fabric. This material is offered as a pre-wetted wiper saturated with USP grade isopropanol (IPA) in sterile and non-sterile packaging.

APPLICATIONS

- Ideal for efficient surface cleaning and sanitization between and during processing.
- Useful for pass through wiping and PPE wipe down in gowning area.
- Suitable for use in ISO 5 and higher cleanrooms

FEATURES & BENEFITS

- Excellent chemical compatibility
- Applies IPA efficiently while minimizing VOC emissions
- Exceptionally clean
- Available in resealable pouch and zipper packs



TekniSat Meltblown Polypropylene Wipers

Sterile and Non-Sterile

Product	Class	Edge Finish	Pre-Sat	Sterile [†]	IPA%*	Wiper Size	Packaging
TS1MPI09-911	ISO 5	Standard	◆		9%	9" x 11" (23cm x 28cm)	50 ea/pouch; 24 pouches/case
TS1MPI70-911	ISO 5	Standard	◆		70%	9" x 11" (23cm x 28cm)	50 ea/pouch; 24 pouches/case
TS1MPI70Z-911	ISO 5	Standard	◆		70%	9" x 11" (23cm x 28cm)	200 ea/zipper bag; 10 zipper bags/case
TS1MPI70-911S	ISO 5	Standard	◆	◆	70%	9" x 11" (23cm x 28cm)	50 sheets/pouch; 24 pouches/case

*IPA (Isopropyl Alcohol) is USP grade

†Validated sterilization via gamma irradiation to a Sterility Assurance Level of 10⁻⁶ according to AAMI Guidelines

Physical Properties

Basis Weight	35 g/m ²
Thickness	0.20mm (+/- 2mm)
Material	100% Polypropylene

Nonvolatile Residue

Extractant	Target
IPA	<0.005 g/m ²
DI Water	<0.010 g/m ²

*IEST-RP-CC004.3 Section 7.1.2 (Short Term Extraction)

Purity Specifications

Particles & Fibers	Target (x 10 ⁶ particles/m ²)
Particles >0.50um	<20.0
Particles >5.0um	<3.0
Fibers >100um	<1000

*Particles: IEST-RP-CC004.3 Section 6.1.4

Fibers: IEST-RP-CC004.3 Section 6.2.2 (Orbital Shake Test)

Extractable Ions

Ion	Target
Sodium (Na ⁺)	<0.50 ppm
Potassium(K ⁺)	<0.50 ppm
Calcium (Ca ²⁺)	<1.0 ppm
Chloride (Cl ⁻)	<1.0 ppm
Magnesium (Mg ²⁺)	<1.0 ppm

* IEST-RP-CC004.3 Section 7.2.2.1B (Standard Extraction)

