

# TekniSat Meltblown Polypropylene

## ■ CHARACTERISTICS

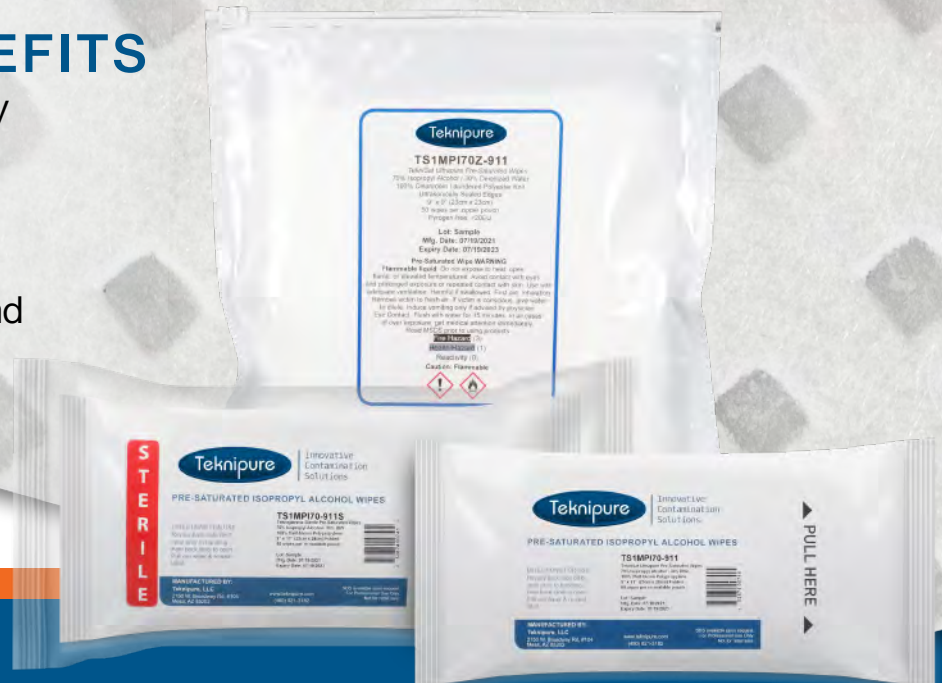
TEKNISAT Meltblown Polypropylene Wipers are 100% synthetic polypropylene fibers thermally-bonded to form an inherently low-extractable and low-shedding, chemically-resistant nonwoven fabric. This material is offered as a pre-wetted wiper saturated with USP grade isopropanol (IPA) in sterile and non-sterile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



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# TekniSat Meltblown Polypropylene Wipers

*Sterile and Non-Sterile*

Product	Class	Edge Finish	Pre-Sat	Sterile <sup>†</sup>	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<sup>-6</sup> according to AAMI Guidelines

## Physical Properties

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

## Nonvolatile Residue

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

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

## Purity Specifications

Particles & Fibers	Target (x 10 <sup>6</sup> particles/m <sup>2</sup> )
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 <sup>+</sup> )	<0.50 ppm
Potassium(K <sup>+</sup> )	<0.50 ppm
Calcium (Ca <sup>2+</sup> )	<1.0 ppm
Chloride (Cl <sup>-</sup> )	<1.0 ppm
Magnesium (Mg <sup>2+</sup> )	<1.0 ppm

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



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Toll Free: 844.309.2376



Info@Teknipure.com



www.Teknipure.com