

## TECHNICAL DATA SHEET



## IPA Pre-Wetted Wiper for Small Footprint Areas

### Description

PolySat® incorporates soft, 100% melt-blown polypropylene substrate pre-wetted with a 0.2 µm filtered, 70% isopropyl alcohol/30% deionized water solution.

With the inherent softness of the polypropylene, PolySat® wipers are ideal for sensitive surfaces. The polypropylene is approved for food contact areas.

### Applications

- ▶ Small spaces, confined work areas
- ▶ Cleaning sensitive surfaces
- ▶ Final cleaning of products/surfaces
- ▶ Use in gowning rooms, work surface cleaning, parts cleaning, injection mold cleaning
- ▶ Food processing environments
- ▶ ISO Environment Classes 5–9

### Markets

- ▶ Medical Device Manufacturing
- ▶ Microelectronics
- ▶ Nutraceutical
- ▶ Pharmaceuticals
- ▶ USP<797>
- ▶ Food Processing

### Benefits

- ▶ Protects sensitive surfaces
- ▶ Designed for small spaces and easy storage
- ▶ Secure packaging for reduced evaporation
- ▶ Low particle generation
- ▶ Low levels of solvent extractables

### Features

- ▶ USP-Grade IPA, filtered at 0.2 micron
- ▶ Meets Semiconductor-grade
- ▶ 100% melt-blown polypropylene
- ▶ 6" x 4" folded, 6" x 11" open
- ▶ Peel-n-Reseal Packaging

### Products

Number	Description	Packaging
<b>TX8723</b>	PolySat® polypropylene wipers pre-wetted with 70% IPA	75 wipers/recloseable bag; 24 bags/case

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**Performance Characteristics**

Property	Typical Value	Test Method*
Basis weight	34 g/m <sup>2</sup>	1, TM20

**Contamination Characteristics**

Property	Typical Value	Test Method*
LPC ≥ 0.5 µm	13 x 10 <sup>6</sup> particles/m <sup>2</sup>	1, TM22
Fibers Fibers: >100 µm	4,500 fibers/m <sup>2</sup>	1, 2, TM22
Nonvolatile Residue IPA extractant DIW extractant	0.001 g/m <sup>2</sup> 0.005 g/m <sup>2</sup>	1, TM1 1, TM1
Ions Sodium Potassium Chloride	.3 ppm .2 ppm .15 ppm	1, TM18 1, TM18 1, TM18

Note: The data in this table represent typical analyses of these wipers at the time of publication. These are not specifications. ITW Texwipe continually refines both its processes and its products.

**\*Test Methods**

- 1 – “Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments,” IEST-RP-CC 004.3, Institute for Environmental Sciences and Technology, Rolling Meadows, IL 2004; [www.iest.org](http://www.iest.org).
  - 2 – “Standard Method for Size-Differentiated Counting of Particles and Fibers Released from Clean Room Wipers Using Optical and Scanning Electron Microscopy,” E2090-00, ASTM International, West Conshohocken, PA, 2000; [www.astm.org](http://www.astm.org).
- TM – Refers to ITW Texwipe Test Method – available upon request, contact ITW Texwipe Customer Service at [www.texwipe.com](http://www.texwipe.com) for a copy.

**Texwipe Regulatory Certificates**

Texwipe is the only wiper company to be registered: ISO 9001 • ISO 13485 • ISO 14001 • OHSAS 18001