

PolySat®

Designed for small spaces.



70% USP-Grade IPA / 30% DIW

Description

PolySat® is convenient for cleaning sensitive surfaces in controlled environments. PolySat® incorporates soft, 100% melt-blown polypropylene substrate pre-wetted with a 0.2 µm filtered, 70% isopropyl alcohol/30% deionized water solution.

Features

- 100% melt-blown polypropylene
- USP-Grade IPA, filtered at 0.2 micron
- 6"x 4" folded, 6"x11" open
- Dove-folded
- Polypropylene case with secure tabs
- Container is recyclable polypropylene

Benefits

- Designed for small spaces and easy storage
- Secure, locking container for reduced evaporation
- Durable and refillable
- Engineered for easy, one-hand operation (from package to application)
- Enhanced traceability
- Low particle generation and low levels of solvent extractables

Applications

- Small spaces, confined work areas
- ISO Environment Classes 5–9
- Cleaning sensitive surfaces
- Final cleaning of products/surfaces
- Use in gowning rooms, work surface cleaning, parts cleaning, injection mold cleaning.
- Food grade approved wiper material, suitable for food processing areas

Markets

- Medical Device Manufacturing
- Microelectronics
- Nutraceutical
- Pharmaceuticals
- USP<797>

Products

Number	Description	Packaging
TX8727	PolySat® polypropylene wipers pre-wetted with 70% IPA	75 wipers/refill bag; 20 bags/case 1 reclosable container/case
TX8727C	Replacement containers	10 containers/case

North America
1210 South Park Drive
Kemersville, NC 27284
Tel 336.996.7046
www.texwipe.com
info@texwipe.com

Europe/Middle East
Saffierlaan 5
2132 VZ Hoofddorp
The Netherlands
Tel +31 88 1307 400

Asia/Pacific
50 Tagore Lane
#02-01 Entrepreneur Centre
Singapore 787494
Tel +65 6468 9433

PolySat[®]

Performance Characteristics

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

Contamination Characteristics

Property	Typical Value	Test Method*
LPC		
≥ 0.5 μm	13 x 10 ⁶ particles/m ²	1, TM22
Fibers		
Fibers: >100 μm	4,500 fibers/m ²	1, 2, TM22
Nonvolatile Residue		
IPA extractant	0.001 g/m ²	1, TM1
DIW extractant	0.005 g/m ²	1, TM1
Ions		
Sodium	.3 ppm	1, TM18
Potassium	.2 ppm	1, TM18
Chloride	.15 ppm	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.
 - 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.
- TM – Refers to ITW Texwipe Test Method — available upon request, contact ITW Texwipe Customer Service at www.texwipe.com for a copy.

ITW Texwipe is the only wiper company to be ISO 9001:2000, 13485:2003, 14001:2004 and OHSAS 18001:1999 registered.