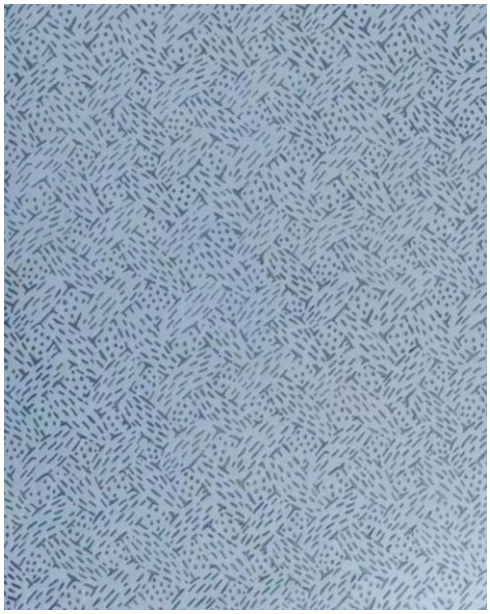
Cleanroom Wipers
PolySat®

Technical Data Sheet

PolySat® Wipers



Description

PolySat® wiper is made from 100% melt-blown polypropylene with a cut edge. Low extractable levels and solvent compatibility.

Features & Benefits

- Constructed from 100% melt-blown polypropylene creating a soft wiper ideal for use on sensitive surfaces.
- Manufactured to provide low levels of particles and extractables creating a wiper suitable for general cleaning and wiping.
- Designed for used on abrasive surfaces . this wiper will not easy snag or abrade releasing particles and fibers into the process or environment.
- Individually lot coded for ease of traceability and quality control.

Applications

- Wiping and cleaning surfaces, equipment and parts.
- Removing lubricants, adhesives and other solutions and processing aids.
- Excellent for picking up aqueous spills.
- Suitable for cleaning components and lab apparatus.
- Use for class 100 – 100,000 cleanroom.

Shelf Life

- Non-Sterile (Dry) - 5 years from date of manufacture.

Products

Part Number		Packaging
TX9246	11.8” x 9.85” nominal (30cm x 25cm) Dry Wiper	100 wipers/bag; 10 bags/case
	18” x 8” nominal (38cm x 20cm) Point type roller(point type size 38cm)	500 wipers/roll; 4 rolls/case

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Performance Characteristics

Property	Typical Value	Test Method *
Basis Weight	70 g/m^2	1, TM20
Absorbency		
Sorptive capacity	280 ml/m^2	1, TM20
Sorptive rate	1.5 seconds	1, TM20

Contamination Characteristics

Property	Typical Value	Test Method *
LPC		
≥ 0.5um	100 x 10^6 particles/m^2	1, TM22
Particles and Fibers		
Particles 20-100 um	230,000 particles/m^2	1,2 TM22
Fibers > 100 um	9,800 particles/m^2	1,2 TM22
Nonvolatile Residue		
IPA extractant	0.63 g/m^2	1, TM1
DIW extractant	0.13 g/m^2	1, TM1
Ions		
Sodium	25 ppm	1,TM18
Potassium	3 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 Release from Clean Room Wipers Using Optical and Scanning Electron Microscopy," E2090-00, ASTM International, Wesy 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.