



PROSAT® Si

Nonwoven polyester wipes with 10%IPA / 90% DI water

Description

Designed for the semiconductor industry, the PROSAT Si offers the cleanest nonwoven wipe available. The wipe is made from 100% nonwoven polyester fibers, hydroentagled into an extremely soft, clean, and strong fabric which is very low in both particles and extractables.

The solution blend of 10% 2-propanol and 90% deionized water combines cleaning effectiveness with safety. The solution is 0.2 micron filtered and meets SEMI specifications for metals.

Features and Benefits

- Durable and soft 9"x11" nonwoven wipe
- Semiconductor grade solution
- Low IPA concentration for increased safety in semiconductor facilities
- Convenient, easy to use peel/reseal pouch

Applicability

The information presented here is applicable to the part numbers shown below, as well as to any product containing the same materials and produced under the same conditions, regardless of product size or packaging configuration. Please contact a Contec sales representative for more details.

PS-Si

Technical Data

Wipe material	100% polyester
Wipe construction	Hydroentangled nonwoven
Solution of saturation; (blend ratio and constituents)	10% 2-propanol, 90% deionized water, semiconductor grade

Attribute; (units)	Value **	Test Method
Basis weight; (g/m ²)	69	
Non-volatile residue, NVR		IEST-RP-CC004.2, Sec. 6.1.2
In deionized water; (g/m ²)	0.055	
In isopropanol; (g/m ²)	0.008	
Specific ions		IEST-RP-CC004.2, Sec. 6.2.2
Sodium; (ppm)	1.9	
Chloride; (ppm)	4.7	
Silicone; (ppm)	ND	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
P ≥ 0.5µm; (x10 ⁶ /m ²)	16.5	
Fibers > 100µm; (x10 ³ /m ²)	1.0	IEST-RP-CC004.2, Sec. 5.2
Saturation volume tolerance;		N/A
< 300 mL	+/- 12%	
300 -1666 mL	+/- 3%	
> 1666 mL	+/- 50 mL	

** ND = None detected; levels are below detection limit of test equipment

Notes:

- 1) Data shown are typical values and should not be used as product specifications.
- 2) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- 3) Current and/or comparison data may be available. Please contact a Contec sales representative for details.

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