Berkshire
ENGINEERED CLEAN

Product Information

ISO Class 5 – 8

Cleanroom Class 100 – 100,000
EU Grade B/C/D
USP <797>

SatPax® 550

Pre-wetted 100% Meltblown Polypropylene Cleanroom Wiper

SatPax® 550 wipers are composed of exceptionally clean 100% meltblown polypropylene pre-wetted with a consistent concentration of IPA and DI water. This pre-wetted format provides a cost-effective and easy-to-use solution versus traditional bulk handling of solvents, maintenance of squirt bottles and inconsistent wetting and cleaning associated with wetting a dry wiper.

Other Class 5 and above Pre-wetted wipers

- SatPax® 1000
- SatPax® 670-R

Key Attributes

- 100% meltblown polypropylene
- No chemical binders in base material
- Pre-wetted with consistent IPA / DI Water concentrations and saturation levels
- Re-sealable solvent resistant packaging
- Wipers in c-folded configuration for single withdrawal

Benefits

- Very low extractables and ions
- Very low particle and fiber counts
- Excellent wet strength and abrasion resistance
- Reduces alcohol usage and preparation / handling costs
- Reduces VOC emissions
- Increases cleaning efficiency
- Increases cleaning protocol consistency

Environmental

- Registered under REACH

Applications

- Designed for use in ISO Class 5 and higher cleanroom environments and USP <797> applications
- Designed for use in wet cleaning of critical surfaces where control of flammable solvents and flammable solvent concentrations is required
- Final cleaning of surfaces or products prior to manufacturing or packaging
- High saturation level is ideal for removing cleaning residues in regulated environments
- EC Regulation 1935 (2004) - Food contact compliant
- FDA 21 CFR - Food contact compliant
- Cleaning of manufacturing equipment for semiconductor

Alcohol Mixtures

Alcohol / DI Water mixtures can be varied to fit the customer requirements. Typical mixtures are 70/30 and 9/91 IPA/DI Water.

Saturation Levels

The amount of solution contained in each wiper can be varied according to customer requirements. Higher saturation levels apply more solution to the surface during cleaning.

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BC_1205_07-2022

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Technical Data

Attribute		Units	Value	Test Method
Basis Weight		g/m^2	**35.4**	TAPPI T-410
Caliper		µm	**204**	TAPPI T-411
Fibers	≥100µm	$fibers/cm^2$	**0.48**	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified
Particles	≥0.5µm	$x10^3/cm^2$	**4.8**	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified
Sorbency	Capacity	mL/m^2	**196***	IEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified
	Efficiency	mL/g	**5.5***	
	Rate	seconds	**10***	
Non-Volatile Residue	DI Water	g/m^2	**0.0032**	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m^2	**0.015**	
Ions	Na^+	ppm	**0.42**	IEST-RP-CC004.4 Sec 8.2.2
	K^+	ppm	**0.20**	
	Ca^{++}	ppm	**0.47**	
	Mg^{++}	ppm	**0.038**	
	Cl^-	ppm	**0.80**	

Notes:

- Technical data represented in this table are typical values at the time of publication. These should not be used as product specifications.
- Due to differences in test methods applied and equipment utilized by different wiper manufacturers, valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions
- Third party testing can be performed upon request
- *Sorbency Capacity, Efficiency, and Rate are performed with 70% IPA.

Order Information:

Product	Number	Size	Shts/pk	Pks/cs	IPA/DI	Saturation	VOC % by Weight	Style
SatPax® 550	SPX550.001.24	9x11" (23x28cm)	50	24	70/30	71%	51%	C-fold
SatPax® 550	SPX550.003.36	7x11" (18x28cm)	75	36	70/30	71%	51%	C-fold
SatPax® 550	SPX550.004.24	9x11" (23x28cm)	50	24	70/30	57%	48%	C-fold
SatPax® 550	SPX550.005.36	7x11" (18x28cm)	75	36	70/30	57%	48%	C-fold
SatPax® 550	SPX55000836	7x11" (18x28cm)	75	36	100	71%	76.1	C-fold

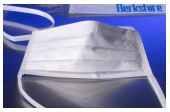
Other Berkshire Products

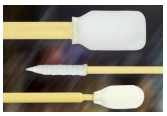
Wipers

Glove Liners

Mop Systems

Documentation Systems


Face Masks


Swabs

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