Berkshire
ENGINEERED CLEAN

Product Information

ISO Class 5 – 8

Cleanroom Class 100 – 100,000
EU Grade B/C/D
USP <800>

SatPax® 550

Pre-wetted 100% Meltblown Polypropylene Cleanroom Wiper

BPR • AUTHORISED • BIOCIDAL PRODUCTS REGULATION

SatPax® 550 wipers are made of exceptionally clean 100% meltblown polypropylene, pre-wetted with a consistent concentration of 70% USP Grade IPA and 30% DI Water. This pre-wetted format offers a cost-effective and user-friendly solution compared to traditional bulk handling of solvents, maintaining squirt bottles, and the inconsistent wetting and cleaning usually associated with wetting a dry wiper.

Berkshire's SatPax® 70/30 IPA biocidal product range is authorised under the EU Biocidal Product Regulation (EU) 528/2012 for sale throughout the EU and EEA. The products in the range are efficacious against bacteria and yeast, with a contact time of 1 min.



Other Class 5 and above Pre-wetted wipers in the BPR range

- SatPax® 1000
- SatPax® 670

Key Attributes

- 100% meltblown polypropylene
- No chemical binders in base material
- Pre-wetted with consistent 70% USP Grade IPA/ 30% DI Water
- Re-sealable solvent resistant packaging
- Wipers in c-folded configuration for single withdrawal
- 3-year shelf life from date of manufacture

Benefits

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

Applications

- Designed for use in ISO Class 5 and higher cleanroom environments and USP <800> 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
- FDA 21 CFR - Food contact compliant
- Cleaning of manufacturing equipment for semiconductor

Sterile Validated Option
For aseptic processing areas, the same wiper material can be provided in a gamma irradiated validated sterile to a 10^{-6} sterility assurance level.

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Technical Data (In Dry State)

Attribute		Units	Value	Test Method
Basis Weight		g/m^2	**35.4**	TAPPI T -410
Caliper		µm	**204**	TAPPI T -411
Fibres	≥100µm	fibres/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 Sorbency Capacity, Efficiency, and Rate are performed with 70% IPA
	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**	

Efficacy Data

Microorganism	Log Reduction (EN16615)
Staphylococcus aureus	>6.07
Pseudomonas aeruginosa	>5.59
Enterococcus hirae	>5.72
Candida albicans	>4.32

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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 utilised 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

Order Information:

Product	Number	Size	Shts/pk	Pks/cs	IPA/DI Water	Saturation	VOC % by Weight	Style
SatPax ® 550	SPX550124BPR	9x11" (23x28cm)	50	24	70/30	71%	50	C-fold
SatPax ® 550	SPX550424BPR	9x11" (23x28cm)	50	24	70/30	57%	47	C-fold

For more information on our other contamination control products or technical consultation, please contact your Berkshire Sales Representative or e-mail: **info@berkshire.com**

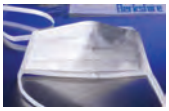
Other Berkshire Products


Wipers


Glove Liners


Mop Systems


Documentation Systems


Face Masks


Swabs