

## EcoClean® 60

100% Cotton Nonwoven Cleanroom Wiper



Berkshire is committed to lessen the environment impact of its manufacturing process and products through its **Green Scope Program**

EcoClean® is an environmentally friendly wipe that has been designed for ISO Class 5 (Class 100) and above cleanroom applications. EcoClean® is 100% biodegradable and renewable. It is made from 100%

natural fiber that contains no binders or additives, and it is manufactured by a proprietary process for low fiber release and high strength. EcoClean® 60 can be used in critical pharmaceutical, medical device, and

semiconductor applications where absorbency and softness are required.



### Key Attributes

- 100% nonwoven cotton
- Manufactured by a proprietary process for low fiber release and high strength
- No binders or other additives
- Low ionic contamination

### Benefits

- Excellent strength
- Heat resistant
- Highly absorbent and durable
- Extremely soft
- Resists build up of static charge

### Environmental

- Light weight, high absorbency design reduces landfill waste impact when compared to more traditional heavier weight products
- EcoClean® is 100% biodegradable and renewable

### Other Green Scope products:

- Sunorb® 300
- Lensx® 90
- Labx® 170
- Twillx® 1622
- EcoClean® 35
- EcoBond®

### Applications

- Cleaning high temperature production equipment and diffusion furnaces
- Absorbent, low linting work surface material
- Removing aqueous and solvent spills
- Critical industrial applications where absorbency and softness are critical
- Cleaning of support/less critical areas and manufacturing processes in regulated environments
- Wiping of optics and other sensitive surfaces
- Steam autoclavable for aseptic applications
- Compatible with ISO Class 5 (Class 100) cleanroom applications and above
- EC Regulation 1935 (2004) - Food contact compliant
- FDA 21 CFR - Food contact compliant

## Technical data:

Attribute		Units	Value	Test Method
Basis Weight		g/m <sup>2</sup>	59.6	TAPPI T-410
Caliper		µm	270	TAPPI T-411
Fibers	≥100µm	fibers/cm <sup>2</sup>	39	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	35	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m <sup>2</sup>	385	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	6.5	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m <sup>2</sup>	0.023	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	0.016	
Ions	Na <sup>+</sup>	ppm	110	IEST-RP.CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	0.59	
	Ca <sup>++</sup>	ppm	1.3	
	Mg <sup>++</sup>	ppm	0.50	
	Cl <sup>-</sup>	ppm	20	

### 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

## Order Information:

Product	Number	Size	Shts/pk	Pks/cs
EcoClean® 60	ECW60.0909.20	9x9" (23x23cm)	300	20
EcoClean® 60	ECW60.1212.20	12x12" (30x30cm)	150	20

## Other Berkshire Products



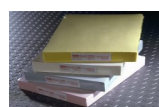
Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs

[www.berkshire.com.sg](http://www.berkshire.com.sg)

Contact: Tel 65.6252.4313 / Fax: 65.6252.4312

Email: [enquiries@berkshire.com.sg](mailto:enquiries@berkshire.com.sg)