

## Lensx® 90

### 70% Rayon / 30% Hemp Nonwoven Cleanroom Wiper

Lensx® 90 is an environmentally friendly wipe that has been designed for ISO Class 6 (Class 1000) and above cleanroom applications. Lensx® 90 is made from 70% rayon and 30% manila hemp. Lensx® 90 is engineered for extreme softness and use in the cleaning of delicate surfaces



#### Key Attributes

- 70% rayon / 30% manila hemp nonwoven
  - Engineered for extreme softness
  - Silicone free
  - Meets government specification #AA-50177, Type 1, Class 1
- |                                    |      |
|------------------------------------|------|
| Burst Strength (PSI/10 sheets dry) | 51   |
| Acidity (pH value)                 | 5.6  |
| Ash Percent (average)              | 0.42 |

#### Benefits

- Extreme softness
- Nonabrasive
- Low extractables

#### Environmental

- Complies with RoHS and Reach requirements

#### Applications

- Cleaning optical and other sensitive surfaces
- Absorbent, low linting work surface material
- Compatible with ISO Class 6 (Class 1000) cleanroom applications and above

## Technical Data:

Attribute		Units	Value	Test Method
<b>Basis Weight</b>		g/m <sup>2</sup>	<b>9.2</b>	TAPPI T-410
<b>Caliper</b>		µm	<b>47.5</b>	TAPPI T-411
<b>Fibers</b>	≥100µm	fibers/cm <sup>2</sup>	<b>2.1</b>	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified
<b>Particles</b>	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	<b>2.3</b>	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified
<b>Sorbency</b>	Capacity	mL/m <sup>2</sup>	<b>105</b>	IEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified
	Efficiency	mL/g	<b>11.0</b>	
	Rate	seconds	<b>NA</b>	
<b>Non-Volatile Residue</b>	DI Water	g/m <sup>2</sup>	<b>0.042</b>	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m <sup>2</sup>	<b>0.00026</b>	
<b>Ions</b>	Na <sup>+</sup>	ppm	<b>210</b>	IEST-RP-CC004.4 Sec 8.2.2
	K <sup>+</sup>	ppm	<b>5.2</b>	
	Ca <sup>++</sup>	ppm	<b>31</b>	
	Mg <sup>++</sup>	ppm	<b>9.1</b>	
	Cl <sup>-</sup>	ppm	<b>220</b>	

### 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
Lensx® 90	LN90.0406.24	4x6" (10x15cm)	1000	24
Lensx® 90	LN90.0909.16	9x9" (23x23cm)	1000	16
Lensx® 90	LN90.1212.4	12x12" (30x30cm)	1000	4
Lensx® 90	LN9024365	24x36" (61x91cm)	1000	5

## Other Berkshire Products



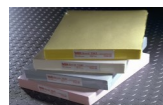
**Wipers**



**Glove Liners**



**Mop Systems**



**Documentation Systems**



**Face Masks**



**Swabs**