

## Twilix® 1622

### 100% Cotton Woven Cleanroom Wiper



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

Twilix® 1622 is an environmentally friendly wipe that has been designed for ISO Class 6 (Class 1000) and above cleanroom applications. Twilix® 1622 is 100% biodegradable. It is made from 100% cotton woven in a

twil pattern and bias cut to minimize contamination. Twilix® 1622 is engineered for tough cleaning applications requiring absorbency, strength and heat resistance.



#### Key Attributes

- 100% woven cotton
- No binders or other additives
- Bias cut and tight weave construction

#### Benefits

- Excellent strength and durability
- Good absorbency
- High heat resistance
- Excellent resistance to the buildup of electrostatic discharge in 40-60% RH environments
- Works well with IPA and other solvents
- Autoclavable

#### Environmental

- Complies with RoHS 2002/05 and Reach requirements
- 100% biodegradable

#### Applications

- Ideal for high temperature equipment cleaning and diffusion furnaces
- Absorbent, low linting work surface material
- Cleaning, polishing and burnishing of metallic and nonmetallic magnetic media disk surfaces
- Cleaning of solvent spills
- Compatible with ISO Class 6 (Class 1000) cleanroom applications and above

#### Other Green Scope products:

- Sunorb® 300
- Labx® 170
- Lensx® 90
- EcoClean® 35
- EcoClean® 60
- EcoBond®

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

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|                 |                         |                         |  |
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## Technical Data:

| Attribute                   |                  | Units                             | Value        | Test Method  |
|-----------------------------|------------------|-----------------------------------|--------------|--|
| <b>Basis Weight</b>         |                  | g/m <sup>2</sup>                  | <b>171</b>   | TAPPI T-410  |
| <b>Caliper</b>              |                  | µm                                | <b>352</b>   | TAPPI T-411  |
| <b>Fibers</b>               | ≥100µm           | fibers/cm <sup>2</sup>            | <b>NA</b>    | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2               |
| <b>Particles</b>            | ≥0.5µm           | x10 <sup>9</sup> /cm <sup>2</sup> | <b>NA</b>    | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1               |
| <b>Sorbency</b>             | Capacity         | mL/m <sup>2</sup>                 | <b>333</b>   | IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified |
|                             | Efficiency       | mL/g                              | <b>1.9</b>   |  |
|                             | Rate             | seconds                           | <b>8</b>     |  |
| <b>Non-Volatile Residue</b> | DI Water         | g/m <sup>2</sup>                  | <b>0.072</b> | IEST-RP.CC004.3, Sec 7.1.2                           |
|                             | IPA              | g/m <sup>2</sup>                  | <b>0.092</b> |  |
| <b>Ions</b>                 | Na <sup>+</sup>  | ppm                               | <b>60</b>    | IEST-RP.CC004.3, Sec 7.2.2                           |
|                             | K <sup>+</sup>   | ppm                               | <b>0.31</b>  |  |
|                             | Ca <sup>++</sup> | ppm                               | <b>15</b>    |  |
|                             | Mg <sup>++</sup> | ppm                               | <b>18</b>    |  |
|                             | Cl <sup>-</sup>  | ppm                               | <b>3.8</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 |
|-------------|--------------|------------------|---------|--------|
| Twilx® 1622 | T1622.0909.8 | 9x9" (23x23cm)   | 300     | 8      |
| Twilx® 1622 | T1622.1212.4 | 12x12" (30x30cm) | 150     | 4      |

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

## Other Berkshire products

For information on our other products, please click on the relevant text.



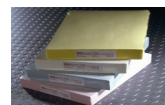
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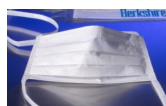
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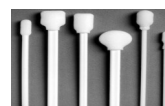
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