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Contamination  
Solutions

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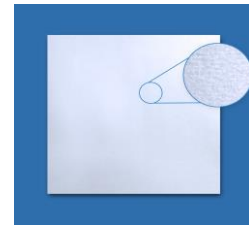
## TekniZorb Nonwoven Poly/Cel Cleanroom Wiper

### Product Description

Made with hydroentangled blend of 55% cellulose / 45% polyester; providing economical performance & purity. This creates a strong, clean, and very absorbent wipe for liquid removal or lint free wiping in controlled areas. This nonwoven wipe exhibits lower particle & fiber release than other comparable products via substrate & processing improvement & control. Class 100 packaged

### Composition & Attributes

- \* Light weight Hydroentangled 55% Cellulose / 45% Polyester Nonwoven wipe
- \* Low particle and fiber generation
- \* Extremely high absorbency per basis weight
- \* Maintains hi strength in wet applications
- \* Works well with IPA and other cleaning solvents



### Applications

- \* Ideal for spill pick up in controlled environments or gown room wipe
- \* Excellent choice for general purpose wiping; clean & economical
- \* Soft texture for scratch sensitive surfaces & very durable
- \* Autoclavable for Aseptic environments
- \* Compatible with ISO Class 6+ (Class 1000) cleanroom environments

### Physical Properties

- \* Basis Weight 56g/m<sup>2</sup> (+/-4g/m<sup>2</sup>)
- \* Material 55% Cellulose/45% Polyester
- \* Absorbency Extrinsic Capacity: >280ml/m<sup>2</sup>  
Intrinsic Capacity: >4.0ml/g  
Sorptive Rate: < 1 second

### Purity Specifications

|                                       |                               | <u>Maximum</u>           | <u>Typical</u>           |
|---------------------------------------|-------------------------------|--------------------------|--------------------------|
| <b>* Particles &amp; Fibers</b>       |                               |                          |                          |
| particles/m <sup>2</sup>              | Particles (0.5-100um)         | 80 x 10 <sup>(6)</sup>   | 47 x 10 <sup>(6)</sup>   |
| fibers/m <sup>2</sup>                 | Fibers (>100um)               | 0.26 x 10 <sup>(6)</sup> | 0.18 x 10 <sup>(6)</sup> |
| <b>* Nonvolatile Residue</b>          |                               |                          |                          |
| g/m <sup>2</sup> / ug/cm <sup>2</sup> | IPA Extractant                | 0.006 / 0.6              | 0.0038 / 0.38            |
| g/m <sup>2</sup> / ug/cm <sup>2</sup> | DIW Extractant                | 0.07 / 7.0               | 0.043 / 4.3              |
| <b>* Extractable Ions</b>             |                               |                          |                          |
| ppm / ug/g                            | Calcium (Ca+)                 | <30                      | 18.5                     |
| ppm / ug/g                            | Chloride (Cl-)                | <30                      | 9.7                      |
| ppm / ug/g                            | Potassium (K+)                | <30                      | 10.2                     |
| ppm / ug/g                            | Magnesium (Mg <sup>2+</sup> ) | <50                      | 33.2                     |
| ppm / ug/g                            | Sodium (Na+)                  | <50                      | 25.6                     |

### Test Method

Orbital Shake Test IEST-4.3-6.1.4

IEST-4.3-6.2.2

Short Term Extraction IEST-4.3-7.1.2

Standard Extractable IEST-4.3-7.2.2.1B



### Ordering Information

#### Product

TZ1PCS2-99  
TZ1PCS2-1212

#### Size

9" x 9" (22.9cm x 22.9cm)  
12" X 12" (30cm x 30cm)

#### Packaging

300 Ea/Bag 10 Bag/Case  
150 Ea/Bag 10 Bags/Case