

## Polx® 1200

### Cleanroom 100% Polyester Knit Wiper

Polx®1200 is a knife cut unlaundered cleanroom wiper recommended for ISO Class 5 and above environments composed of 100% continuous filament polyester knit fabric. This combination of properties provides Polx® 1200

with the cleanliness, abrasion resistance and chemical compatibility required for ISO Class 5 and above environments and applications requiring critical control of contaminants combined with good performance.

Polx®1200 is meant to bridge the gap between more expensive laundered wipers and lower cost less critical nonwovens.



#### Key Attributes

- 100% continuous filament polyester knit
- Knife cut edge
- No binders or surfactants

#### Benefits

- Low contamination compared to non-wovens
- High abrasion resistance
- Chemically compatible with IPA, Acetone and other solvents
- Light weight with good sorbency
- Soft hand and edge for sensitive surfaces

#### Environmental

- Complies with RoHS and REACH requirements

#### Applications

- Designed for use in ISO Class 5 and higher cleanroom environments
- Designed for applications requiring better cleanliness than a nonwoven but not the high level of cleanliness provided by a laundered knit
- Integrated circuit fabrication areas
- CD and DVD manufacturing operations
- Gross cleans in fab and suite construction
- Equipment wrap and wipe downs
- Steam autoclavable for aseptic applications
- Applying and removing cleaning and disinfecting solutions in less critical areas

#### Value Pack Option

The value pack option provides the same great performance in a more economical bulk packaging format.

## Technical Data:

| Attribute            |                  | Units                             | Value | Test Method  |
|----------------------|------------------|-----------------------------------|-------|--|
| Basis Weight         |                  | g/m <sup>2</sup>                  | 107   | TAPPI T-410  |
| Caliper              |                  | µm                                | 388   | TAPPI T-411  |
| Fibers               | ≥100µm           | fibers/cm <sup>2</sup>            | 73    | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2               |
| Particles            | ≥0.5µm           | x10 <sup>3</sup> /cm <sup>2</sup> | 39    | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1               |
| Sorbency             | Capacity         | mL/m <sup>2</sup>                 | 395   | IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified |
|                      | Efficiency       | mL/g                              | 3.7   |  |
|                      | Rate             | seconds                           | 1     |  |
| Non-Volatile Residue | DI Water         | g/m <sup>2</sup>                  | 0.015 | IEST-RP.CC004.3, Sec 7.1.2                           |
|                      | IPA              | g/m <sup>2</sup>                  | 0.016 |  |
| Ions                 | Na <sup>+</sup>  | ppm                               | 4.3   | IEST-RP.CC004.3, Sec 7.2.2                           |
|                      | K <sup>+</sup>   | ppm                               | 0.42  |  |
|                      | Ca <sup>++</sup> | ppm                               | 1.4   |  |
|                      | Mg <sup>++</sup> | ppm                               | 0.56  |  |
|                      | Cl <sup>-</sup>  | ppm                               | 2.2   |  |

### 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 | Style      |
|------------|---------------|------------------|---------|--------|------------|
| Polx® 1200 | P1200.0404.18 | 4x4" (10x10cm)   | 150     | 18     | Stacked    |
| Polx® 1200 | P1200.0909.8  | 9x9" (23x23cm)   | 150     | 8      | Stacked    |
| Polx® 1200 | P1200.0909B.1 | 9x9" (23x23cm)   | 1200    | 1      | Value Pack |
| Polx® 1200 | P1200.1212.14 | 12x12" (30x30cm) | 75      | 14     | Stacked    |

## Other Berkshire Products



Wipers



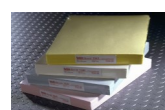
Mop Systems



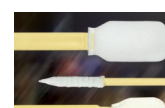
Face Masks



Glove Liners



Documentation Systems



Swabs