

Labx® 123

100% Manila Hemp Nonwoven Cleanroom Wiper

Labx® 123 is an environmentally friendly wipe that has been designed for ISO Class 6 (Class 1000) and above cleanroom applications. Labx® 123 is made from 100% manila hemp. Labx® 123 is engineered as a lightweight low lint material.



Key Attributes

- 100% manila hemp nonwoven
- Engineered for light weight and low linting
- Meets government specification #AA-50177, Type 1, Class 5 Light Weight, Wet Strength

Benefits

- Low linting
- Lightweight
- Nonabrasive
- Low extractables
- High absorbency to weight ratio

Environmental

- Complies with RoHS

Applications

- Lightweight wafer separator material
- Absorbent, low linting work surface material
- Tray liner and wet bench material
- Wiping of biomedical devices
- Cleaning of lab equipment
- Compatible with ISO Class 6 (Class 1000) cleanroom applications and above

Technical Data:

| Attribute | | Units | Value | Test Method |
|----------------------|------------------|-----------------------------------|--------|--|
| Basis Weight | | g/m ² | 12.0 | TAPPI T-410 |
| Caliper | | µm | 42.2 | TAPPI T-411 |
| Fibres | ≥100µm | fibres/cm ² | 2.1 | IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified |
| Particles | ≥0.5µm | x10 ³ /cm ² | 59 | IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified |
| Sorbency | Capacity | mL/m ² | 70.1 | IEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified |
| | Efficiency | mL/g | 5.8 | |
| | Rate | seconds | NA | |
| Non-Volatile Residue | DI Water | g/m ² | 0.0050 | IEST-RP-CC004.4 Sec 8.1.2 |
| | IPA | g/m ² | 0.0051 | |
| Ions | Na ⁺ | ppm | 30 | IEST-RP-CC004.4 Sec 8.2.2 |
| | K ⁺ | ppm | 5.1 | |
| | Ca ⁺⁺ | ppm | 46 | |
| | Mg ⁺⁺ | ppm | 8.7 | |
| | Cl ⁻ | ppm | 8.9 | |

Notes:

- Technical data represented in this table are typical values at the time of publication. These should not be used as product specification.
- Due to differences in test methods applied and equipment utilised 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 |
|-----------|-------------|----------|---------|--------|
| Labx® 123 | LB123.03D.1 | 3" (8cm) | 500 | 15 |

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

Other Berkshire products



Wipers



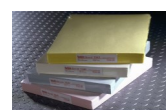
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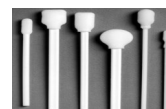
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