



Product datasheet

ENGLISH

Cleanroom Dry Wipes 100% Polyester

DESCRIPTION

The Heavy weight laser sealed edged Polyester wiper is a double knit 100% continuous-filament polyester. All four edges are laser cut and sealed to prevent particle and fibre release.

FEATURES

- Laser sealed edge ensures ultra low lint and particle level
- Good absorbency and wiping efficiency
- Resists abrasion under rigorous use
- Available in various sizes and packaging configurations
- Solvent safe, double bagged and vacuum cleanroom packed



APPLICATIONS

- Suitable for class ISO4 – ISO6 cleanrooms
- Cleaning of surfaces to control submicron particles, fibres, and chemical residue

TECHNICAL DATA

PERFORMANCE CHARACTERISTICS

| | |
|--------------------------------|----------------------|
| BASIS WEIGHT | 140 gsm |
| THICKNESS (MICROMETER) | 0.48mm |
| ABSORBENCY (IEST-RP-CC 004.3) | |
| SORPTIVE CAPACITY | 320ml/m ² |
| RATE (DROP DISAPPEARANCE MTD.) | 0.5 sec |

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|---|-----------|
| NONVOLATILE RESIDUE, NVR (IEST-RP-CC 004.3, Analysis for Unspecified Extractable Matter) | |
| IPA EXTRACTANT | 0.52 mg/g |





| | |
|----------------|--|
| DIW EXTRACTANT | 0.14 mg/g |
| FTIR | NO Silicon Oil, Amide and DOP detected |

| | |
|---|---------------|
| Ion Content (IEST-RP-CC 004.3, Thorough Extraction Method) | |
| Chloride (Cl) | 0.000174 mg/g |
| Nitrates (NO3) | 0.000019 mg/g |
| Nitrite (NO2) | 0.000025 mg/g |
| Sulphate (SO4) | 0.000083 mg/g |
| Sodium (Na) | 0.000312 mg/g |
| Potassium (K) | 0.000227 mg/g |
| Magnesium (Mg) | 0.000049 mg/g |
| Calcium (Ca) | 0.000021 mg/g |

| | |
|---|---|
| RELEASABLE PARTICLES | |
| LPC (> 0.5 um) (IEST-RP-CC 004.3-orbital shake mtd) | 6.5 x 10 ⁶ particles/m ² |
| APC (Helmke Drum Test @10rpm); > 0.5 um (IES-RP-CC003.2) | 50 counts/pc./cfm -9"x9" 9.71 x 10 ² counts/m ² /cfm |

NOTE:
*Data shown are typical values and should not be used as specifications.

- ITEM 8295120 9x9 flat packed 100 per pack
- ITEM 8295124 12x12 Bulk Packed 150 per pack
- ITEM 8295133 9x9 Bulk Packed 150 per pack
- ITEM 8295149 7x7 200 per pack