

PRODUCT DATA SHEET

DESCRIPTION

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

FEATURES

- Laser sealed edge ensures ultra low lint and particle level
- Good absorbency and wiping efficiency
- Resists abrasion under rigorous use
- Choice of 9" x 9", 6" x 6", 4" x 4" and other sizes upon customers' request
- Solvent safe, double bagged and vacuum cleanroom packed



APPLICATIONS

- Suitable for class 100 – 1,000 cleanrooms
- Cleaning of surfaces to control submicron particles, fibers, and chemical residue

TECHNICAL DATA

PERFORMANCE CHARACTERISTICS

Basis Weight	115 gsm
Thickness <i>(micrometer)</i>	0.53 mm
Absorbency Rate & Capacity <i>(IEST-RP-CC 004.3)</i>	
Sorptive capacity	310 ml/m ²
Rate <i>(Drop Disappearance mtd.)</i>	0.5 sec

CONTAMINATION CHARACTERISTICS

Nonvolatile Residue, NVR
(IEST-RP-CC 004.3, Analysis for Unspecified Extractable Matter)

IPA Extractant	0.267 mg/g
DIW Extractant	0.0741 mg/g
FTIR	NO Silicon Oil, Amide and DOP detected

Ion Content
(IEST-RP-CC 004.3, Thorough Extraction Method)

Chloride (Cl)	0.000073 mg/g
Sulphate (SO4)	0.000061mg/g
Nitrate (NO3)	0.000064mg/g
Nitrite (NO2)	0.000024mg/g
Sodium (Na)	0.000035 mg/g
Calcium (Ca)	0.000314 mg/g

Releasable Particles

LPC (≥ 0.5 um) <i>(IEST-RP-CC 004.3-orbital shake mtd)</i>	6.7 x 10 ⁶ particles/m ²
APC (Helmke Drum Test @10rpm); ≥ 0.5 um <i>(IES-RP-CC003.2)</i>	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.

ORDERING INFORMATION