

PRODUCT DATA SHEET

WHITEGUARD WIPES

Description: The Nonwoven cellulose polyester is a hydroentangled 55% cellulose and 45% polyester nonwoven wiper designed for applications that require the unique combination of superior strength and exceptional sorbency. This wiper is a perfect wiping material for spill control and general purpose wiping.

Features:

- Made of hydroentangled 55% cellulose and 45% polyester
- Combines the strength of polyester with the absorbency of long cellulose fibers
- Cleanroom processed and packaged to reduce particles
- Smooth, highly sorbent and durable
- Works well with IPA and other solvents

Applications:

- Recommended for use in class 1000 – 10,000 cleanroom environment
- General purpose wiping and polishing of surface areas, including optics
- Excellent for use in Pharmaceutical, Biotech & medical device manufacturing markets
- Steam autoclavable for use in aseptic areas

Technical Data: Performance Characteristics

Basis Weight: 64 ± 3 gsm
(IEST-RP-CC 004.3)

Thickness: 0.25mm - 0.34 mm

Absorbency:
(IEST-RP-CC 004.3)

Sorptive capacity	288 ml/m ²
Rate	0.8sec

Contamination Characteristics

Non-volatile Residue, NVR

(IEST-RP-CC 004.3)
IPA Extractant (100ml IPA at ambient temp for 24hrs) 0.0294 mg/g

FTIR No Silicon Oil, Amide and DOP detected

Ion Content

(IEST-RP-CC 004.3)

Chloride (Cl)	0.0500 mg/g
Sulphate (SO ₄)	0.0660 mg/g
Sodium (Na)	0.0400 mg/g
Potassium (K)	0.0137 mg/g
Magnesium (Mg)	0.0050 mg/g
Calcium (Ca)	0.0137 mg/g

Releasable Particles

LPC (≥ 0.5um) (IEST-RP-CC 004.3)	13,735 counts/cm ²
APC (dry test:helmke Drum); ≥ 0.3 um (IEST-RP-CC 004.3)	500 counts/pc./cfm

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